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1992
Jan.-Mar.

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced during

JANUARY, FEBRUARY, MARCH 1992

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service

May 1992

DIVISION OF RESEARCH GRANTS

Jerome G. Green, M.D.
Director

INFORMATION SYSTEMS BRANCH

Nicholas J. Suszynski, Jr.
Associate Director for Information Systems

Data Management and Control Section

Emily J. Mitchell, Chief

Information Systems Management Section

Dolly A. Sparkman, Chief

Networking and Telecommunications Section

Ellen J. Ring, Chief

Research Documentation Section

Vacant

Statistics, Analysis and Evaluation Section

Lucille Nierwicki, Chief

System Analysis Section
James T. Lowrie, Chief

LIBRARY

JUN 09 1992

National Institutes of Health

U.S. NIH
" NEW GRANTS AND AWARDS

JANUARY, FEBRUARY, MARCH 1992

DEPARTMENT OF HEALTH AND HUMAN SERVICES

PUBLIC HEALTH SERVICE

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

INFORMATION SYSTEMS BRANCH

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D42	HAZARDOUS WASTE WORKER HEALTH/SAFETY TRAINING GRANT	P20 EXPLORATORY GRANTS
D43	INTERNATIONAL TRAINING GRANT IN EPIDEMIOLOGY	P30 CENTER CORE GRANTS
F05	INTERNATIONAL FELLOWSHIPS (NIC)PS (FIC)	P40 ANIMAL RESOURCE GRANT PROGRAM (NCRR)
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F20	FRENCH, SWISS, SWEDISH, POSTDOCTORAL FELLOWSHIPS	P51 PRIMATE RESEARCH CENTER GRANTS (NCRR)
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K11	PHYSICIAN SCIENTIST AWARD (INDIVIDUAL)	R44 SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE II
K12	PHYSICIAN SCIENTIST AWARD (PROGRAM)	S03 MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM (NCRR)
K14	MINORITY SCHOOL FACILITY DEVELOPMENT AWARD	S06 MINORITY BIOMEDICAL SUPPORT-MBS (NCRR)
K16	DENTIST SCIENTIST AWARD (PROGRAM)	S07 BIOMEDICAL RESEARCH SUPPORT GRANT (NCRR)
M01	GENERAL CLINICAL RESEARCH CENTERS	S10 BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS (NCRR)
N01	RESEARCH AND PROJECTS CONTRACTS	S14 MINORITY BIOMEDICAL RESEARCH SUPPORT GRANT PROGRAM FOR UNDERGRADUATE COLLEGES (NCRR)
N64	SMALL BUSINESS INNOVATION RESEARCH (SBIR)-PHASE I	S15 SMALL INSTRUMENTATION PROGRAM
N64	SMALL BUSINESS INNOVATION RESEARCH (SBIR)-PHASE II	T32 INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD
		T34 MARC UNDERGRADUATE NSA INSTITUTIONAL GRANTS TRAINING
		U01 RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
		U10 COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)

ADMINISTERING ORGANIZATIONAL CODES

AG	National Institute on Aging
AI	National Institute of Allergy and Infectious Diseases
AR	National Institute of Arthritis and Musculoskeletal and Skin Diseases
CA	National Cancer Institute
CB	Division of Cancer Biology and Diagnosis
CM	Division of Cancer Treatment
CN	Division of Cancer Prevention and Control
CO	Office of the Director, NCI
CP	Division of Cancer Etiology
CL	Clinical Center
CT	Division of Computer Research and Technology
DC	National Institute on Deafness and Other Communication Disorders
DE	National Institute of Dental Research
DK	National Institute of Diabetes and Digestive and Kidney Diseases
ES	National Institute of Environmental Health Sciences
EY	National Eye Institute
GM	National Institute of General Medical Sciences
HD	National Institute of Child Health and Human Development
HG	National Center for Human Genome Research
HL	National Heart, Lung, and Blood Institute
HB	Division of Blood Diseases and Resources
HC	Division of Epidemiology and Clinical Applications
HI	Division of Intramural Research
HO	Office of the Director, NHLBI
HR	Division of Lung Diseases
HV	Division of Heart and Vascular Diseases
LW	National Library of Medicine
OD	Office of the Director, NIH
DS	Division of Safety
NR	National Center for Nursing Research
NS	National Institute of Neurological Disorders and Stroke
RG	Division of Research Grants
RR	National Center for Research Resources
RS	Division of Research Services
TW	Fogarty International Center

GRANTS AND AWARDS ANNOUNCED DURING JANUARY, FEBRUARY AND MARCH 1992

ICD	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
AG	23	4,308,068	7	544,231	1	37,401	0	0	4	94,092	0	0	0	0
AI	147	29,767,922	5	366,198	1	345,309	0	0	9	235,000	0	0	0	0
AR	28	4,745,711	3	240,366	0	0	0	10	250,900	0	0	0	0	0
CA	170	25,079,543	7	534,051	0	1	262,248	17	409,700	0	0	0	0	0
CB	0	0	0	0	1	903,322	0	0	0	0	0	0	0	0
CM	0	0	0	0	4	1,384,267	0	0	0	0	0	0	0	0
CN	0	0	0	0	3	2,456,240	0	0	0	0	0	0	0	0
CO	0	0	0	0	47	2,360,052	0	0	0	0	0	0	0	0
CP	0	0	0	0	3	607,729	0	0	0	0	0	0	0	0
DC	24	2,645,825	5	368,311	0	0	0	2	56,500	0	0	0	0	0
DE	28	2,965,148	7	547,635	0	0	0	0	3	87,900	0	0	0	0
DK	122	15,016,916	5	344,304	0	0	0	25	726,400	0	0	0	0	0
ES	16	4,367,694	1	44,194	1	76,038	0	0	5	127,000	0	0	0	0
EY	11	2,229,676	0	0	0	0	0	0	8	193,480	0	0	0	0
GM	202	27,858,380	1	61,782	0	0	0	0	46	1,101,712	0	0	0	0
HD	70	11,596,167	6	455,781	5	1,553,298	0	0	21	534,216	0	0	0	0
HG	15	1,571,272	0	0	0	0	0	2	45,400	0	0	0	0	0
HI	0	0	0	0	1	222,474	0	0	0	0	0	0	0	0
HL	172	34,051,089	21	1,595,574	0	0	0	0	20	562,600	0	0	0	0
HO	0	0	0	0	1	299,865	0	0	0	0	0	0	0	0
HV	0	0	0	0	1	1	0	0	0	0	0	0	0	0
LM	0	0	0	0	7	503,415	0	0	0	0	0	0	0	3
NR	5	891,665	0	0	0	0	0	0	8	102,400	0	0	0	0
NS	66	9,531,918	8	634,906	3	3,097,220	1	72,484	27	640,650	0	0	0	0
RR	5	429,000	0	0	0	0	0	0	0	0	0	0	0	0
TW	10	227,952	0	0	0	0	0	0	19	548,622	0	0	0	0
	1,114	177,283,946	76	5,737,333	79	13,846,631	2	334,732	226	5,716,572	0	0	3	126,412

*INCLUDES CANCER CONTROL GRANTS AND COOPERATIVE AGREEMENTS

NTH
RESEARCH GRANTS

NTH
DOLLARS
AWARDED

GRANT NUMBER

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

ALABAMA

BIRMINGHAM
BIOCRYST LTD.

AR41095-01

BABU, Y S

INSTITUTION TOTAL

50,000

UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM

1R01 GM44915-01A1 BRADLEY, RONALD J 115,476
 1R22 AI15152-01A1 FREEDMAN, DAVID O 202,127
 1R01 AI32377-01A1 FULTZ, PATRICIA N 200,079
 1R01 HL46304-01A1 GIANTURCO, SANDRA H 267,303
 1R01 AG10263-01 HIRAMOTO, RAYMOND N 132,554
 1R03 TW00050-01 HUNTER, ERIC C 23,790
 1R01 DK44741-01 KRAFT, ANDREW S 163,845
 1R22 AI31557-01A1 LANG-UNNASCH, NAOMI E 153,804
 1R01 CA54380-01A1 MILLER, DONALD M 144,415
 1R29 CA54430-01A1 PASCUAL, DAVID W 88,705
 1R01 AI30634-01A2 PRITCHARD, DAVID G 172,776
 1R01 AI33239-01 SOMMADOSSI, JEAN-PIERRE 167,223
 1R01 HL48491-01 THOMPSON, JOHN A 151,182
 1R01 AI31142-01A1 VEZZA, ANNE C 154,491

INSTITUTION TOTAL 14
CITY TOTAL 15

2,137,770
2,187,770

HUNTSVILLE
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN HUNTSVILLE
1R15 GM46120-01A1 MORIARTY, DEBRA A

INSTITUTION TOTAL 1
CITY TOTAL 1

35,825
35,825

MOBILE
UNIVERSITY OF SOUTH ALABAMA

1R01 HL46494-01A1 THOMPSON, W JOSEPH

INSTITUTION TOTAL 1
CITY TOTAL 1

248,590
248,590

STATE TOTAL 17
2,472,185

STRUCT.-BASED DESIGN OF INHIB. FOR COMPLEMENT PROTEIN D
ORIGIN OF TETANIC FADE IN ANESTHESIA
IMMUNOPATHOGENESIS OF LYMPHATIC FILARIASIS
EVOLUTION OF AN ACUTELY LETHAL SIV

200,079

ATHEROGENICITY OF POSTPRANDIAL TG-RICH LIPOPROTEINS
PHYSIOLOGICAL FUNCTIONS OF OLD MICE AND LONGEVITY
GENETICS OF PRIMATE D TYPE RETROVIRUSES
MECHANISM OF ACTION OF GM-CSF
MITOCHONDRIAL DEVELOPMENT IN PLASMODIUM FALCIPARUM
SPECIFIC INHIBITION OF DHFR & MDR1 TRANSCRIPTION
NEUROPEPTIDE REGULATION OF B CELL FUNCTION
PHASE VARIATION IN THE PATHOGENESIS OF GBS INFECTION
GENETIC MECHANISMS OF DIDEOXYNUCLEOSIDE INDUCED TOXICITY
PATHOLOGICAL ANGIOGENESIS--REGULATION BY TAT AND HBGF-1
GENE EXPRESSION AND REGULATION IN P FALCIPARUM

132,554

ENDOTHELIAL CELL CGMP RECEPTORS AND FUNCTION
ENDOTHELIAL ACTIVITY OF TROPICAL NATURAL PRODUCTS

248,590

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARIZONA TEMPE ARIZONA STATE UNIVERSITY 1R01 DC01376-01	BACON, SIDNEY P	TEMPORAL PROPERTIES OF AUDITORY MASKING	144,823
INSTITUTION TOTAL	1		144,823
PASADERO, INC. 1R43 NS31050-01	BOYD, LAWRENCE H	MULTI-SENSORY SOFTWARE FOR BRAIN INJURY REHABILITATION	49,850
INSTITUTION TOTAL	1		49,850
CITY TOTAL	2		194,673
TUCSON KENSAL CONSULTING 1R43 GM44420-01A3	PRESTON, KENDALL, JR	NEW GENERATION PATHOLOGISTS' MICROSCOPE	50,000
INSTITUTION TOTAL	1		50,000
UNIVERSITY OF ARIZONA 1R13 CA57548-01 1R01 CA56875-01 1R01 NS29657-01A1 1R01 AI31951-01 1R01 HL48493-01	ALBERTS, DAVID S LIEBLER, DANIEL C ST JOHN, PAUL A WELLS, MICHAEL A WITTE, MARLYS H	TUCSON LEADERSHIP SUMMIT--THE CHALLENGE OF BREAST CANCER ANTITOXIDANT ACTIONS OF BETA-CAROTENE NEUROTRANSMITTER RECEPTORS ON DEVELOPING MOTONEURONS REGULATION OF DIGESTION IN BLOOD-SUCKING INSECTS KAPOSI SARCOMA-ANGIOMA CELL CYCLE--EVENTS & CONTROLS	25,000 179,145 142,487 155,461 164,514
INSTITUTION TOTAL	5		666,607
WESTERN RESEARCH COMPANY, INC. 1R43 DK44766-01 1R43 CA56169-01 1R43 CA56151-01	CRAINE, BRIAN L CRAINE, ERIC R CRAINE, ERIC R	INFRARED FLUORESCENT GASTROINTESTINAL ENDOSCOPY SPECTROSCOPIC COLPOSCOPY FOR TISSUE CHARACTERIZATION SPECTROSCOPIC SYSTEM FOR DERMATOLOGICAL LESION DIAGNOSIS	50,000 50,000 50,000
INSTITUTION TOTAL	3		150,000
CITY TOTAL	9		866,607
STATE TOTAL	11		1,061,280
ARKANSAS LITTLE ROCK UNIVERSITY OF ARKANSAS MEDICAL SCIENCES AT LITTLE ROCK 1R01 AG10321-01 1R29 CA55879-01	REDUCING DISRUPTIVE BEHAVIORS IN DEMENTED ELDERLY SYNDECAN FUNCTION ON MYELOMA CELLS		691,697 39,370
INSTITUTION TOTAL	2		731,067

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

GRANT NUMBER		PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL		2	731,067	49,561
STATE TOTAL		2	731,067	

CALIFORNIA ATHERTON MEDICAL INFORMATICS CORPORATION		GHASSAN GHANDOUR, GHASSAN	COMPUTER-ASSISTED MANAGEMENT OF SMOKING CESSION	49,561
INSTITUTION TOTAL		1		49,561
CITY TOTAL		1		

BERKELEY UNIVERSITY OF CALIFORNIA AT BERKELEY		BERRY, EDWARD A HEATHCOCK, CLAYTON H LEARY, JULIE A PRAUSNITZ, JOHN M	3-D CRYSTALS OF CYTOCHROME REDUCTASE A MEMBRANE PROTEIN TOTAL SYNTHESIS OF POLYCYCLIC NATURAL PRODUCTS MASS SPECTROMETRY OF METAL COORDINATED OLIGOSACCHARIDES SWELLING AND SOLUTE-PARTITIONING BEHAVIOR OF HYDROGELS	132,094 161,340 82,850 177,020
INSTITUTION TOTAL		4		553,304
UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY LABORATORY		COXSON, PAMELA G KWO-ON-YUEN, POW F	STATISTICAL AND MODELING UNCERTAINTIES IN DYNAMIC PET BRAIN N-ACETYL-L-ASPARTIC ACID IN DEMENTIA	117,232 102,704
INSTITUTION TOTAL		2		219,936
CITY TOTAL		6		773,240
DAVIS UNIVERSITY OF CALIFORNIA AT DAVIS		BRADBURY, EDWIN M DANDEKAR, SATYA JUE, THOMAS LONNERDAL, BO	CONTROL OF THE MAMMALIAN CELL DIVISION CYCLE PATHOGENESIS OF INTESTINAL DYSFUNCTION IN SIMIAN AIDS OXYGENATION IN VIVO WITH 1H NMR MYOGLOBIN SIGN ZINC METABOLISM IN HUMAN TROPHOBlast CELLS	171,682 410,115 126,379 99,140
INSTITUTION TOTAL		4		807,316
CITY TOTAL		4		807,316
DOWNEY LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--RANCHO MONTGOMERIE, JOHN Z		LOS AMIGOS MEDICAL CENTER 28K IN THE BLADDER MUCOSA IN INTERSTITIAL CYSTITIS	1	83,295
INSTITUTION TOTAL				

DOWNEY LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--RANCHO MONTGOMERIE, JOHN Z		LOS AMIGOS MEDICAL CENTER 28K IN THE BLADDER MUCOSA IN INTERSTITIAL CYSTITIS	1	83,295
INSTITUTION TOTAL				

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
CITY TOTAL	1	83,295

CITY	INSTITUTION	INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA DUARTE BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE 1R01 GM46022-01A1	BAILEY, JEROME M		C-TERMINAL SEQUENCING OF PROTEINS AND PEPTIDES	186,198
INSTITUTION TOTAL	1			186,198
CITY TOTAL	1			186,198
ENCINITAS KINDER MAGIC SOFTWARE 1R43 HD28575-01	ORTABASI, ILSE		EDUCATIONAL SOFTWARE--RISKY AND THE SAFETY GANG	49,950
INSTITUTION TOTAL	1			49,950
CITY TOTAL	1			49,950
FOSTER CITY GILEAD SCIENCES, INC. 1R43 AI32289-01	MATTEUCCI, MARK D		OLIGONUCLEOTIDES BEARING FORMACETAL LINKAGES AGAINST HIV	50,000
INSTITUTION TOTAL	1			50,000
CITY TOTAL	1			50,000
IRVINE J. DAVID GLADSTONE FOUNDATION FOR CARDIOVASCULAR DISEASE 1R29 HL46416-01A1	LOPEZ, JOSE A		STRUCTURE AND FUNCTION OF THE GP IB-IX COMPLEX	113,602
INSTITUTION TOTAL	1			113,602
UNIVERSITY OF CALIFORNIA AT IRVINE 1R03 CA56554-01	ANTON-CULVER, HODA		RESOURCE DEVELOPMENT FOR GENETIC STUDY OF BREAST CANCE	73,290
1R01 GM46283-01A1	BENDER, STEVEN L		ENANTIoseLECTIVE SYNTHESIS OF MYO-INOSITOL DERIVATIVES	120,188
1R01 GM66211-01A1	BIESMANN, HARALD		STRUCTURE AND MAINTENANCE OF DROSOPHILA TELOMERES	188,273
1R01 DC01534-01	GALL, CHRISTINE M		ODOR REGULATION OF NEURONAL GENE EXPRESSION	120,816
1R01 HD28102-01A1	HAIER, RICHARD J		REGIONAL CEREBRAL GLUCOSE METABOLIC RATES IN MR	90,710
1R01 AI32730-01	JAMES, ANTHONY A		FLP-MEDIATED RECOMBINATION IN THE MOSQUITO AEDES AEGYPTI	180,313
1R13 HG00686-01	SMITH, MOYRA		INTERNATIONAL CHROMOSOME 9 WORKSHOP	15,335
1R01 GM47727-01	SYPHERD, PAUL S		REGULATION OF DIMORPHISM IN CANDIDA ALBICANS	195,602
INSTITUTION TOTAL	8			984,527
CITY TOTAL	9			1,098,129

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA LIVERMORE SETEC, INC 1R43 GM45630-01	ROBINSON, JAMES R	AUTOMATED HOLLOW FIBER BIOREACTOR CONTROL SYSTEM	50,000
INSTITUTION TOTAL CITY TOTAL	1 1		50,000 50,000
LOS ANGELES CEDARS-SINAI MEDICAL CENTER 1R01 DC01402-01 1R01 HD28154-01A1 1R21 DK45154-01	FISCHEL-GHOUDSIAN, NATHAN MAGOFFIN, DENIS A NEUFELD, NAOMI D	MOLECULAR BASIS OF MATERNALLY TRANSMITTED DEAFNESS GROWTH FACTOR CONTROL OF OVARIAN ANDROGEN BIOSYNTHESIS CHILDHOOD OBESITY AND TYPE II DIABETES IN HISPANIC YOUTH	169,208 161,682 30,856
INSTITUTION TOTAL	3		361,746
CHILDREN'S HOSPITAL OF LOS ANGELES 1R01 NS28912-01A1 1R29 HL46943-01A1	BARAM, TALLIE Z ROBISON, TIMOTHY W	CRH-MRNA REGULATION--IN NEONATAL SEIZURE POTENTIAL NO2-INDUCED PEROXIDATION PRODUCTS AND AIRWAY REACTIVITY	99,766 101,815
INSTITUTION TOTAL	2		201,581
DOHENY EYE INSTITUTE 1S03 RR03561-01	TROUSDALE, MELVIN D	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	6,000
INSTITUTION TOTAL	1		6,000
HOUSE EAR INSTITUTE 1R03 DC01464-01	ZENG, FAN-GANG	SUPRATHRESHOLD DISCRIMINATION IN FORWARD MASKING	26,988
INSTITUTION TOTAL	1		26,988
UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1P50 NS30308-01 1R01 AI31822-01A1 1R29 CA54381-01A1 1R13 CA55561-01 1R13 NS29615-01A1 1R01 HL46388-01A1 1R01 CA56059-01 1R21 DK44430-01 1R01 AG10152-01 1R01 CA57152-01 1R29 GM46509-01A1	BECKER, DONALD P CHEN, IRVIN S Y CHIU, ROBERT H DE KERNION, JEAN B ENGEL, JEROME, JR FUKUTO, JON M IRIE, REIKO F JENSEN, DENNIS M KRONENBERG, MITCHELL E MARTINEZ-MAZA, OTONIEL MERLIC, CRAIG A	UCLA HEAD INJURY RESEARCH CENTER RESTRICTED INFECTION OF CD4+ CELLS BY HIV 1 CELLULAR REGULATION BY HOMOLOGOUS ONCOPROTEINS INTERNATIONAL CONFERENCE ON RENAL CARCINOMA INTERNATL CONFERENCE ON SURGICAL TREATMENT OF EPILEPSY MECHANISM OF NITRIC OXIDE BIOSYNTHESIS GANGLIOSIDE MEDIATED IMMUNOTHERAPY OF HUMAN CANCER DOUBLE-BLIND STUDY FOR LONG-TERM OF ULCER HEMORRHAGE THYMUS INVOLUTION AND AGING IN TL TRANSGENIC MICE IMMUNE DYSFUNCTION AND AIDS-ASSOCIATED B CELL LYMPHOMA SYNTHESIS OF THERAPEUTICS VIA TEMPLATED CYCLIZATIONS	849,428 153,914 90,374 40,000 12,500 211,286 204,225 63,500 161,955 150,440 98,407

NIH RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR
CALIFORNIA LOS ANGELES	UNIVERSITY OF CALIFORNIA AT LOS ANGELES
1R01 NS30768-01	MERRILL, JEAN E
1R01 HL48496-01	MILES, STEVEN A
1R01 AI31403-01A1	MILLER, VIRGINIA L
1R01 CA56860-01	MOY, RONALD L
1R01 AI32630-01	WU-HSIEH, BETTY

TITLE OF RESEARCH PROPOSAL

**DOLLARS
AWARDED**

INSTITUTION	TOTAL	16	2,932,909
UNIVERSITY OF SOUTHERN CALIFORNIA			
1R01	NS29442-01A1	ADAMS, JAMES D,	JR
1R01	GM67392-01	BELL, LESLIE R	
1R01	DC01158-01A1	COOPER, DONALD S,	I
1R29	DE10150-01	COUWENHOVEN, ROSS	
1R01	NS30051-01	KO, CHIEN-PING	
1R13	DK45504-01	MARSH, DONALD J	
1R13	AR41160-01	SLAVKIN, HAROLD C	
1R29	CA54257-01A1	TAYLOR, SHIRLEY M	
1R01	CA55069-01A1	YU, MIMI C	

INSTITUTION TOTAL 9
CITY TOTAL 32

MENLO PARK
APPLIED IMMUNESCIENCES, INC.
150 ZUMA CIRCE, MENLO PARK, CA 94036-1504
TELEPHONE: 415/960-1100

INSTITUTION TOTAL 1 50,000

SCHMITT, EDWARD E
LANDEC LABS
1R43 GM45046-01A1

MATRIX PHARMACEUTICAL, INC.	
1R43 HL47974-01	LUCK, EDWARD E
INSTITUTION TOTAL	
CITY TOTAL	1
	3
	49,918
	149,908

MONROVIA EXOGENE CORPORATION 1843 GM#7760-01 HUGHES, DALE AS E

HEMOGLYBIN EXPRESSION TO ENHANCE ANTIBIOTIC PRODUCTION 69 · 649

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1		49,649
CITY TOTAL	1		49,649
CALIFORNIA			
GENPHARM INTERNATIONAL, INC.	HUSZAR, DENNIS F LORING, JEANNE F	TARGETED INACTIVATION OF MURINE IMMUNOGLOBULIN LOCUS. DERIVATION OF RAT EMBRYONIC STEM CELL LINES	49,670 49,820
INSTITUTION TOTAL	2		99,490
PANORAMA RESEARCH INC.	BALINT, ROBERT F	HIV-1 PROTEASE INHIBITORS FROM RANDOM PEPTIDE LIBRARIES	50,000
1R43 AI32801-01			
INSTITUTION TOTAL	1		50,000
RAYA SYSTEMS, INC.	BROWN, STEPHEN J	MICROCOMPUTER ATTENTION BATTERY FOR SCHOOL AGE CHILDREN	50,000
1R43 HD29325-01			
INSTITUTION TOTAL	1		50,000
CITY TOTAL	4		199,490
OAKLAND			
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE			
1R01 AR40430-01A1	ETTINGER, BRUCE	BONE MASS IN A BIRACIAL POPULATION OF YOUNG ADULTS	440,706
INSTITUTION TOTAL	1		440,706
CITY TOTAL	1		440,706
PALO ALTO			
CHILDREN'S HOSPITAL AT STANFORD			
1R01 DK45226-01	BACHRACH, LAURA K	BONE MINERAL ACCRETION IN ADOLESCENTS	159,998
INSTITUTION TOTAL	1		159,998
CLONTECH LABORATORIES, INC.	SIEBERT, PAUL D	DEVELOPMENT OF SYSTEMS FOR RAPID CHROMOSOME MAPPING	50,000
1R43 HG00439-01A1			
INSTITUTION TOTAL	1		50,000
MOLECULAR RESEARCH INSTITUTE	MAGUIRE, PATRICIA A	ASSAY DEVELOPMENT FOR KAPPA2 OPIATE RECEPTORS	39,936
1R03 DE10263-01			
INSTITUTION TOTAL	1		39,936
		PAGE 7	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	3	249,934	
CALIFORNIA PASADENA CALIFORNIA INSTITUTE OF TECHNOLOGY 1R01 GM47281-01	CAMPBELL, JUDITH L	CELLULAR PROLIFERATION AND THE CDC7 PROTEIN KINASE	156,655
INSTITUTION TOTAL	1		156,655
CITY TOTAL			156,655
RIVERSIDE UNIVERSITY OF CALIFORNIA AT RIVERSIDE 1R01 CA55659-01 1R29 GM47375-01	GROSOVSKY, ANDREW J SWITZER, CHRISTOPHER Y	RADIATION MUTAGENESIS OF HUMAN CELLS SYNTHESIS & EVALUATION OF NOVEL ANTISENSE DNA ANALOGS	161,503 98,843
INSTITUTION TOTAL	2		260,346
CITY TOTAL	2		260,346
SAN DIEGO ANTICANCER, INC. 1R43 CA56192-01	FU, XINYU	SCID MICE FOR IMMUNE THERAPY OF METASTATIC HUMAN CANCER	49,750
INSTITUTION TOTAL	1		49,750
CALIFORNIA INSTITUTE OF BIOLOGICAL RESEARCH 1R01 HG00456-01A1	MC CLELLAND, MICHAEL	GENETIC MAPPING IN THE MOUSE BY PCR FINGERPRINTING	235,722
INSTITUTION TOTAL	1		235,722
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY 1R29 CA53382-01A1	MC GUIRE, KATHLEEN L	ROLE OF IL2 IN HTLV-1 MEDIATED TRANSFORMATION OF T CELLS	70,072
INSTITUTION TOTAL	1		70,072
CORVAS, INC. 1R43 GM46162-01	RIPKA, WILLIAM C	PROTEIN PACKING AS A GUIDE TO DRUG DESIGN	50,000
INSTITUTION TOTAL	1		50,000
CYTEL CORPORATION 1R43 AI32847-01	VITIELLO, MARIA A	VACCINE TO TREAT CHRONIC HEPATITIS B VIRUS INFECTION	50,000
INSTITUTION TOTAL	1		50,000

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA SAN DIEGO EMERSON AND STERN ASSOCIATES 1R43 HL47985-01	HUTCHINS, SANDRA E	ASR TO ENHANCE COMPLIANCE WITH ANTIHYPERTENSIVE DRUGS	49,839
INSTITUTION TOTAL 1		49,839	
LA JOLLA CANCER RESEARCH FOUNDATION 1R01 CA54233-01A1	ADAMSON, EILEEN D	MECHANISMS OF EPITHELIUM FORMATION AND STABILIZATION	215,089
INSTITUTION TOTAL 1		215,089	
MACCONNELL RESEARCH 1R43 GM47186-01	MACCONNELL, WILLIAM P	COMPACT, BUFFERLESS GELS FOR CLINICAL APPLICATIONS	49,892
INSTITUTION TOTAL 1		49,892	
PHARMINGEN 1R43 CA56226-01	HUANG, CHUN-MING	MABS TO TUMOR SUPPRESSOR GENE DCC-ENCODED PROTEIN	50,000
INSTITUTION TOTAL 1		50,000	
QUANTUM MAGNETICS, INC. 1R43 NS30266-01	AVRIN, WILLIAM F	INTEGRATED SENSOR ARRAYS FOR NEUROMAGNETOMETRY	50,000
INSTITUTION TOTAL 1		50,000	
SALK INSTITUTE FOR BIOLOGICAL STUDIES 1R01 CA53580-01A2	RASCHKE, WILLIAM C	MOLECULAR ANALYSIS OF THE PATHWAY TO CANCER	213,508
1R01 AI32349-01A1	TRONO, DIDIER	ROLE OF HIV-1 VIP PROTEIN IN VIRUS INFECTIVITY	241,337
INSTITUTION TOTAL 2		454,845	
SCRIPPS CLINIC AND RESEARCH FOUNDATION 1R01 AI33244-01	COOPER, NEIL R	CR2, CD19, MEMBRANE Ig AND B CELL SIGNAL TRANSDUCTION	193,193
1R29 AI30627-01A1	GAZAL, PETER	ROLE OF TRANSCRIPTION FACTORS IN HUMAN CMV PATHOGENESIS	105,096
1R01 GM44060-01A2	MILLAR, DAVID P	DYNAMIC FLUORESCENCE STUDIES OF DNA-PROTEIN COMPLEXES	200,701
INSTITUTION TOTAL 3		498,990	
SCRIPPS CLINIC AND RESEARCH FOUNDATION--SCRIPPS RESEARCH INSTITUTE 1R29 AR41803-01	CHAN, EDWARD K	BASIS FOR HETEROGENEITY OF SS-A/RO AUTOANTIGENS	63,597
1R01 GM46134-01A1	GASCOIGNE, NICHOLAS R	INTERACTION OF TCR RECEPTOR BETA-CHAIN WITH SUPERANTIGEN	226,957
1R29 AI32751-01	HAVRAN, WENDY L	T CELLS BEARING INVARIANT GAMMA DELTA RECEPTORS	101,520
1R01 DK43888-01A1	HEIN, MICH B	PLANT-DERIVED MOLECULAR DETERMINANTS FOR ORAL IMMUNITY	175,412

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

CALIFORNIA SCRIPPS CLINIC AND RESEARCH FOUNDATION--SCRIPPS RESEARCH INSTITUTE SAN DIEGO	1R01 AG09822-01A1 1R01 AI31583-01A1 1R01 HL47819-01 1R01 GM44932-01A2 1R01 NS30019-01 1R01 GM46902-01 1R01 AI32571-01 1R01 CA56956-01	HOBBS, MONTE V LO, DAVID D LOSKUTOFF, DAVID J MILLIGAN, RONALD A MITLER, MERRILL M QUARANTA, VITO TACK, BRIAN F TAN, ENG M	CYTOKINE GENE EXPRESSION BY CD4+ CELLS IN AGING MICE PRESENTATION OF SELF ANTIGEN IN AUTOIMMUNE RESPONSES REGULATION OF VASCULAR FIBRINOLYSIS STRUCTURE AND FUNCTION OF THE NUCLEAR PORE COMPLEX NARCOLEPSY--HUMAN GENETICS AND HLA CORRELATES MOLECULAR REGULATION OF INTEGRIN FUNCTION COMPLEMENT C4B-BINDING PROTEIN--STRUCTURE AND REGULATION AUTOANTIBODIES IN HEPATOCELLULAR CARCINOMA	184,211 207,385 246,643 269,922 209,059 199,081 218,904
INSTITUTION TOTAL	12		2,302,416	
UNIVERSITY OF CALIFORNIA AT SAN DIEGO				
1P01 HL46345-01A1 1R29 HL46761-01A1 1R01 HD29275-01 1R01 CA56075-01 1R01 AG10746-01 1R01 CA52310-01A3 1R29 HL47463-01 1R01 HL44380-01A1 1R01 HL46366-01A1 1R13 HL48118-01 1R01 GM46993-01	CHIEN, KENNETH R EVANS, SYLVIA M GILLIN, FRANCES D HAAS, MARTIN KELNER, MICHAEL J KELNER, MICHAEL J KOMIVES, ELIZABETH A MAHLER, HEIKE I O'CONNOR, DANIEL T PLOW, EDWARD F POSAKONY, JAMES W		SIGNALING MECHANISMS FOR CARDIAC GROWTH & HYPERTROPHY GENE EXPRESSION IN NORMAL/ABNORMAL CARDIAC DEVELOPMENT ANTIPARASITIC FACTORS OF HUMAN MILK MOLECULAR MECHANISM OF HEMATOLOGICAL MALIGNANCY GENETIC INSIGHT INTO OXIDATIVE DAMAGE COORDINATED REGULATION OF ANTI-OXIDANT ENZYMES BIOPHYSICAL STUDIES OF THROMBOMODULIN EGF DOMAINS HOSPITAL RELEASE PREPARATION AND LONG TERM CABG RECOVERY CHROMOGRANIN A SYNTHESIS IN HYPERTENSION GORDON CONFERENCE ON THROMBOLYSIS MOLECULAR GENETICS OF SENSORY ORGAN DEVELOPMENT	1,277,472 105,000 196,182 243,354 209,854 201,335 96,683 102,757 170,710 16,000 132,567
INSTITUTION TOTAL	11		2,751,914	
CITY TOTAL	38		6,878,529	
SAN FRANCISCO NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH AND EDUCATION, INC.	1R03 DC01205-01A1	REED, CHARLES G	DEVELOPMENT OF VOCAL FOLD MEDIAL FORCE TRANSDUCER	22,330
INSTITUTION TOTAL	1		22,330	
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
1R01 AR41118-01 1R01 DK43787-01A1 1R01 GM46877-01 1R01 HL46691-01 1R01 NR02906-01 1R01 HL46192-01A1 1R01 AI31973-01	BANDA, MICHAEL J BAXTER, JOHN D CHRISTMAN, MICHAEL F CLYMAN, RONALD I DAVIS, ANNE J EKMAN, PAUL GANEM, DONALD E		REGULATION OF METALLOPROTEINASE ACTIVITY BY TIMP-2 REGULATION OF GROWTH HORMONE GENE EXPRESSION BIOLOGICAL FUNCTIONS OF TOPOISOMERASE I IN S CEREVIAE VESSEL REMODELING DURING FETAL DUCTUS ARTERIOSUS CLOSURE CULTURAL PLURALISM & ETHICAL DECISION MAKING IN NURSING EMOTIONAL EXPRESSION & TRANSIENT MYOCARDIAL ISCHEMIA IDENTIFY & CHARACTERIZE HEPADNAVIRUS RECEPTORS	177,802 131,003 128,874 272,813 172,715 137,090 116,190

**NIH
RESEARCH GRANTS**

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

GRANT NUMBER

DOLLARS
AWARDED

PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO	LYMPHOCYTE RECEPTORS FOR VASOACTIVE INTESTINAL PEPTIDE MANAGING DIABETES MELLITUS IN A U.S. CHINESE POPULATION	214,165 35,247
1R01 AI29912-01A2 1R21 DK45184-01 1R29 DK44181-01A1 1P30 HD28825-01 1R01 HL47412-01 1R29 DK44876-01 1R01 GM44493-01A2 1R29 DE09961-01 1R29 AI32242-01 1R01 CA55578-01	IGF-II AND MUSCLE CELL DIFFERENTIATION CHILD HEALTH RESEARCH CENTERS FUNCTION OF A NOVEL AIRWAY EPITHELIAL ADHESION RECEPTOR MOLECULAR ANALYSES OF NEUROENDOCRINE PEPTIDE RECEPTORS FUNCTION OF THE HUMAN CD28 MOLECULE EFFECTS OF PULSED INFRARED LASERS ON DENTIN RECURRENT DISEASE FOLLOWING LIVER TRANSPLANTATION PATHOGENESIS OF GROUND GLASS CELLS IN HEPATITIS B	97,880 300,749 187,727 89,153 105,837 117,468 81,875 142,475
INSTITUTION TOTAL CITY TOTAL	17 18	2,509,063 2,531,393
SAN RAMON VISION SCIENCES RESEARCH CORPORATION	NOVEL DISCOMFORT GLARE TEST INSTRUMENT	42,255
1R43 EY09162-01A1	GINSBURG, ARTHUR P	
INSTITUTION TOTAL CITY TOTAL	1 1	42,255 42,255
SANTA BARBARA UNIVERSITY OF CALIFORNIA AT SANTA BARBARA	STRUCTURE AND INTERACTIONS OF MODEL BIOMEMBRANES	152,604
1R01 GM47334-01	ISRAELACHVILI, JACOB N	
INSTITUTION TOTAL CITY TOTAL	1 1	152,604 152,604
SANTA CRUZ UNIVERSITY OF CALIFORNIA AT SANTA CRUZ		148,549
1R01 GM43561-01A1 1R29 GM45888-01A1	BOGOMOLNI, ROBERTO A EINARSOTTIR, OLOF	124,237
INSTITUTION TOTAL CITY TOTAL	2 2	272,786 272,786
STANFORD UNIVERSITY 1R01 AI32113-01	FELDMAN, DAVID	253,632
	STEROID BINDING PROTEINS IN PATHOGENIC FUNGI	

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA TORRANCE RESEARCH AND EDUCATION INSTITUTE, INC. 1R21 DK45174-01	IPP, ELI	FOLLOW-UP OF GESTATIONAL DIABETES MELLITUS IN HISPANICS	36,636
INSTITUTION TOTAL CITY TOTAL	1 6		36,636 552,737
STATE TOTAL	148		21,426,106
 COLORADO BOULDER HAUSER CHEMICAL RESEARCH 1R43 AI32267-01	ZIEBARTH, TIMOTHY D	ARTEMISININ ANALOGS FOR THE TREATMENT OF TOXOPLASMOSIS	29,589
INSTITUTION TOTAL	1		29,589
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER 1R29 NS30595-01	HERNANDEZ, THERESA D	SEIZURES, ANTICONVULSANTS AND RECOVERY FROM BRAIN DAMAGE	89,483
INSTITUTION TOTAL CITY TOTAL	1 2		89,483 119,072
 DENVER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO 1R01 AI32543-01 1R01 HD28794-01 1R01 HL45582-01A1 1R01 DK43697-01A1 1R21 DK45169-01 1R01 HL47861-01	BEATTY, BARRY J HAY, WILLIAM W, JR REPINE, JOHN E TEITELBAUM, ISAAC WALRAVENS, PHILIPS A WILKENING, RANDALL B	HEALTH SCIENCES CENTER MOSQUITO RESERVOIRS FOR BUNYAVIRUS TRANSEASONALITY REGULATION OF PLACENTAL METABOLISM BY GLUCOSE SUPPLY MECHANISMS OF RESPIRATORY ENDOTHELIAL INJURY BY XO EGF SIGNALLING IN THE INNER MEDULLARY COLLECTING DUCT OUTCOME, INSULIN-DEPENDENT DIABETES IN MINORITY CHILDREN FETAL LIVER AND PLACENTA--METABOLIC RESPONSES TO HYPOXIA	153,972 178,300 284,941 153,835 37,301 182,223
INSTITUTION TOTAL CITY TOTAL	6 6		990,572 990,572
 DILLON KEYSTONE CENTER 1R13 GM47883-01 1R13 AI31954-01 1R13 AI32232-01 1R13 DK44452-01A1 1R13 NS31041-01	BELL, EUGENE BEVAN, MICHAEL J BOLOGNESI, DANI P CIDLOWSKI, JOHN A COHEN, MAIMON M	CONFERENCE ON TISSUE ENGINEERING CONFERENCE ON ANTIGEN PRESENTATION FUNCTIONS OF THE MHC CONFERENCE ON PREVENTION AND TREATMENT OF AIDS CONFERENCE ON STEROID/THYROID RECEPTOR SUPERGENE FAMILY JOINT CONFERENCE ON HUMAN GENETIC DISEASE & GENE TRANSFER	11,000 8,500 18,000 5,250 8,500

NIH
RESEARCH GRANTS

DOLLARS AWARDED

COLORADO KEYSTONE CENTER DILLON	CONFERENCE ON GROWTH AND DIFFERENTIATION FACTORS CONFERENCE ON SYNAPSE FORMATION AND FUNCTION JOINT CONFERENCE ON NEGATIVE AND POSITIVE GROWTH CONTROL JOINT CONFERENCE ON ATHEROSCLEROSIS AND ENDOTHELIAL CELL CONFERENCE ON ENDOTOXIN IN BIOLOGICAL SYSTEMS	6,000 13,500 5,000 10,000 8,000
ENGLEWOOD DEVELOPMENTAL TECHNOLOGIES 1R43 HD28874-01	UNDERSTANDING RESILIENCE IN VULNERABLE FAMILIES	50,000
INSTITUTION TOTAL CITY TOTAL	10 10	93,750 93,750
FORT COLLINS COLORADO STATE UNIVERSITY 1R01 CA56392-01 1R01 CA51875-01A2	WALDRON, CHARLES A WILLIAMS, ROBERT M	50,000 50,000
INSTITUTION TOTAL CITY TOTAL	1 1	299,711 299,711
LAKWOOD ELECTRO MAGNETIC APPLICATIONS 1R63 HL47933-01	RUDOLPH, TERENCE H	49,926 49,926
INSTITUTION TOTAL CITY TOTAL	1 1	1,603,031
CONNECTICUT AVON YOUNG RESEARCH AND DEVELOPMENT, INC. 1R43 DE10014-01A1	MORTON, JOHN Y	46,530 46,530
INSTITUTION TOTAL CITY TOTAL	1 1	46,530 46,530

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT BRANFORD ANALYTICA OF BRANFORD, INC. 1R43 HL47973-01	WHITEHOUSE, CRAIG M	TARGETED DRUG DELIVERY BY ELECTROSPRAYED AEROSOLS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER 1R01 DK44827-01 1R01 ES05973-01 1R01 AI28810-01A3	KREUTZER, DONALD L LOEW, LESLIE M SHA'AFI, RAMADAN I	CELL-MEDIATED HYPERSENSITIVITY AND INTERSTITIAL CYSTITIS INTERACTIONS OF ELECTRIC FIELDS WITH CELLS GRANULOCYTE-MACROPHAGE COLONY STIMULATING FACTOR	130,386 116,152 162,672
INSTITUTION TOTAL CITY TOTAL	3 3	409,210 409,210	
NEW HAVEN COMPUTERS IN PSYCHIATRY/PSYCHOLOGY 1R43 AG10782-01	SCHWARTZ, MARC D	INFORMATION SYSTEM TO IMPROVE HOME HEALTH CARE	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
YALE UNIVERSITY 1R01 DK45134-01 1R01 AI32056-01 1R29 HL45128-01A2 1R01 CA55737-01 1R01 CA55798-01 1R29 CA56414-01A1 1R01 HL46149-01A1 1R01 CA49789-01A3 1R01 CA56746-01 1R29 GM47471-01 1R01 GM47342-01 1R01 CA53340-01A1 1R01 AI32524-01 1R29 DK44571-01 1R01 HL47345-01 1R01 DK45228-01 1R01 GM46770-01	ANDERSON, JAMES M ANDREWS, NORMA W BAZZY-ASAAD, ALIA BRASH, DOUGLAS E BUZARD, ANTONIO C CRISCUOLO, GREGORY R DONNELLY, DAVID F GORE, JOHN C PIEPMEIER, JOSEPH M RILEY, MARGARET A ROEDER, GLENNA S SARTORELLI, ALAN C SCHATZ, DAVID G SOYBEL, DAVID I SUMPIO, BAUER E WEIR, ELEANOR C WILLIAMS, TREVOR J	MOLECULAR ANALYSIS OF TIGHT JUNCTIONS IN LIVER AND GUT TC-TOX A C9-RELATED PROTEIN FROM TRYPANOSOMA CRUZI MATURATION OF DIAPHRAGM NEUROMUSCULAR TRANSMISSION SUNLIGHT-RELATED STEPS IN HUMAN SKIN CANCER BIOCHEMICAL MODULATION OF 5-FLUOROURACIL WITH BREQUINAR TUMOR-DERIVED VASCULAR FERMEABILITY FACTOR & BRAIN EDEMA CAROTID BODY CHEMORECEPTION--MECHANISMS & DEVELOPMENT SUSCEPTIBILITY BASED CONTRAST MECHANISMS IN MRI EFFECT OF ANTIMICROTUBULE AGENTS ON GLIOBLASTOMA MOLECULAR EVOLUTION OF COLICIN PLASMIDS IN BACTERIA MECHANISM OF MEIOSIS-SPECIFIC RNA SPLICING IN YEAST DEVELOPMENT AND ACTION MECHANISM OF ANTICANCER AGENTS IMMUNOGLOBULIN AND T CELL RECEPTOR GENE ASSEMBLY ACID NEUTRALIZATION AND DISPOSAL IN GASTRIC EPITHELIUM MECHANISMS BY WHICH EC SENSE CHANGES IN HEMODYNAMICS COLONY STIMULATING FACTOR 1--REGULATION AND ROLE IN BONE TRANSCRIPTION FACTOR REGULATION DURING DEVELOPMENT	161,186 195,213 103,824 158,355 116,735 107,320 191,207 328,173 191,484 111,668 192,528 198,361 72,539 87,841 177,299 115,163 214,366
INSTITUTION TOTAL CITY TOTAL	17 18	2,723,262 2,773,262	

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT WALLINGFORD SYMBIOTECH, INC. 1R43 CA56212-01	MATERA, KATHRYN M	CELL-TARGETED BINARY ANTICANCER AGENTS	49,516
INSTITUTION TOTAL CITY TOTAL	1	49,516	49,516
STATE TOTAL	24	3,328,518	
DIST OF COL WASHINGTON AMERICAN NATIONAL RED CROSS 1R29 HD27943-01A1 1R01 HL46447-01A1 1R01 CA53609-01A1	BIEBERICH, CHARLES J LIPSKY, ROBERT H MUFSON, R ALLAN	ROLE OF HOMEBOX GENES IN MOUSE DEVELOPMENT MOLECULAR BIOLOGY OF THE HUMAN CD36 GENE HUMAN IL-3 RECEPTOR	109,207 171,400 212,050
INSTITUTION TOTAL	3	492,657	
GALLAUDET UNIVERSITY 1R03 DC01197-01	SEITZ, PHILIP F	ATTENTION AND SPEECH PERCEPTION BY THE HEARING IMPAIRED	27,582
INSTITUTION TOTAL	1	27,582	
GEORGETOWN UNIVERSITY 1P01 HD24633-01A2 1R01 GM45399-01A1 1R01 CA52954-01A2 1R29 HL48334-01	DYM, MARTIN HENDERSON, ELLEN J THRAVES, PETER J ZWIEBEL, JAMES A	CELL BIOLOGY OF THE TESTIS SURFACE GLYCOCOJUGATES IN DEVELOPMENTAL CELL COHESION ISOLATION OF GENES FROM RADIATION TRANSFORMED CELLS IMPLANTS OF GENETICALLY MODIFIED ENDOTHELIAL CELLS	873,094 167,496 146,091 99,735
INSTITUTION TOTAL	4	1,286,416	
GERONTOLOGICAL SOCIETY OF AMERICA 1R13 AG0116-01	LONGINO, CHARLES F, JR	PLANNING AND TRAVEL-1993 INTL CONGRESS OF GERONTOLOGY	8,726
INSTITUTION TOTAL	1	8,726	
HOWARD UNIVERSITY 1R21 DK45204-01 1R01 HL44922-01A1 1S03 RR03564-01	ADAMS-CAMPBELL, LUCILE L MASSARI, V JOHN NIXON, WILBERT E	DIABETES IN A PUBLIC HOUSING COMMUNITY SYNAPTIC INTERACTIONS OF BARO- AND CHEMORECEPTOR NEURONS MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	42,628 228,934 27,000
INSTITUTION TOTAL	3	298,562	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DIST OF COL WASHINGTON PEPTIDE TECHNOLOGIES CORPORATION 1R43 CA55668-01A1	KNIGHT, MARTHA	BOMBESIN ANTAGONISTS	50,000
INSTITUTION TOTAL	1	50,000	
URBAN INSTITUTE 1R01 AG10255-01	WOLF, DOUGLAS A	MIGRATION AND THE PROXIMITY OF ELDERLY TO THEIR CHILDREN	121,225
INSTITUTION TOTAL	1	121,225	
CITY TOTAL	14	2,285,168	
STATE TOTAL	14	2,285,168	
FLORIDA FORT PIERCE HARBOR BRANCH OCEANOGRAPHIC 1R01 CA55871-01	POMPONI, SHIRLEY A	MARINE SPONGE CELL CULTURE TO PRODUCE ANTICANCER AGENTS	64,874
INSTITUTION TOTAL	1	64,874	
CITY TOTAL	1	64,874	
GAINESVILLE APPLIED RESONANCE TECHNOLOGY 1R43 NS29327-01A1	DUENSING, GEORGE R	MULTIPLEXED RECEIVER COILS FOR MRI	50,000
INSTITUTION TOTAL	1	50,000	
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1R01 GM46951-01	CLINE, KENNETH C	TARGETING AND ASSEMBLY OF THYLAKOID MEMBRANE PROTEINS	99,785
1R01 DK45035-01	FROST, SUSAN C	ADAPTIVE REGULATION IN 3T3-L1 ADIPOCYTES	136,219
1R03 HL48020-01	KRISCHER, JEFFREY P	EPIDEMIOLOGY OF CARDIOTOXICITY IN CHILDREN WITH CANCER	58,663
1R29 DE09121-01A3	MARIOTTI, ANGELO J	ESTROGENS AND SENILE DESQUAMATIVE GINGIVITIS	91,314
1R03 DC01624-01	ORONA, EDWARD	NOVEL MOLECULAR PROBES TO LABEL ACTIVE OLFACTORY NEURONS	30,218
1R01 AI31900-01A1	STELENKO, ARLENE A	TARGETED DRUG DELIVERY SYSTEM FOR RSV	178,969
1R29 HL47683-01	VISNER, GARY A	HYPEROXIA-INDUCIBLE PROTEINS IN PULMONARY CELLS	194,889
INSTITUTION TOTAL	7	690,057	
CITY TOTAL	8	740,057	
MIAMI UNIVERSITY OF MIAMI 1R01 HD28891-01A1	FELDMAN, DOUGLAS A	HIV RISK REDUCTION AMONG ZAMBIAN ADOLESCENT FEMALES	186,749

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

FLORIDA
MIAMI
UNIVERSITY OF MIAMI
 1R01 CA54226-01A1 LOPEZ, DIANA M
 1R13 CA57415-01 TRAPIDO, EDWARD J
INSTITUTION TOTAL 3 391,788
CITY TOTAL 3 391,788

ORLANDO
SCHWARTZ ELECTRO-OPTICS, INC.
 1R43 HL48397-01 MOULTON, PETER F
INSTITUTION TOTAL 1 49,691
CITY TOTAL 1 49,691

TALLAHASSEE
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY
 1R01 DK43200-01A2 FREEMAN, MARC E
INSTITUTION TOTAL 1 126,939
CITY TOTAL 1 126,939
STATE TOTAL 14 1,373,349

GEORGIA
ATHENS
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA
 1R01 AI32351-01 CHU, CHUNG K
 1R03 TW00030-01 LEE, JOHN W
 1R01 GM47533-01 MOREMEN, KELLEY W
 1R01 AG09868-01A1 PARK, DENISE C
 1R01 ES05662-01A1 SCHNELLMANN, RICKY G
 1R01 AI32899-01 VAN HALBEEK, HERMAN
INSTITUTION TOTAL 6 965,753
CITY TOTAL 6 965,753

ATLANTA
EMORY UNIVERSITY
 1R01 HL44203-01A1 AHMED-ANSARI, AFTAB A
CARDIAC MYOCYTE ANTIGENS AS TARGETS OF AUTOIMMUNITY

228,690

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NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL		
GEORGIA ATLANTA	EMORY UNIVERSITY	
1R01 HL47557-01	ALEXANDER, ROBERT W	275,067
1R01 DK44280-01	BERNSTEIN, KENNETH E	204,489
1R01 AR41206-01	CAUGHMAN, STEWART W	189,109
1R01 AI32903-01	HILL, CRAIG L	165,616
1R29 NS29574-01A1	HOPKINS, WILLIAM D	81,725
1R01 AI31064-01A1	HUNTER, ROBERT L, JR	184,725
1R01 NS30009-01	JOSHI, HARISH C	184,725
1R01 HL47465-01	KRISHNASWAMY, SRIRAM	209,573
1R01 HL46215-01A1	LOLLAR, JOHN S	160,588
1R01 GM46897-01	MORGAN, EDWARD T	252,109
1R29 HL48252-01	MURPHY, THOMAS J	197,987
1R01 GM45705-01A1	SAXE, CHARLES L	98,965
1R01 GM46915-01	WALLACE, DOUGLAS C	146,577
INSTITUTION TOTAL	14	2,544,922
GEORGIA TECH RESEARCH CORPORATION	BOHAN, CINDY A	
1R29 AI32880-01		120,887
INSTITUTION TOTAL	1	120,887
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY		
1R29 HL46490-01A1	GIRARD, PEGGY R	101,617
1R01 GM40540-01A4	MAY, SHELDON W	226,613
INSTITUTION TOTAL	2	328,230
CITY TOTAL	17	2,994,039
AUGUSTA	UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA	
1R01 HL47618-01	BARANOWSKI, TOM	561,105
1R29 HD28964-01	BRANN, DARRELL W	92,271
1R03 DK44725-01	MAHESH, VIRENDRA B	31,228
INSTITUTION TOTAL	3	684,604
CITY TOTAL	3	684,604
STATE TOTAL	26	4,644,396

HAWAII
AIEA
HAWAII BIOTECHNOLOGY GROUP, INC.
1R43 CA57073-01 BIGNAME, GARY S

BISPECIFIC ANTIBODY FOR DIRECTED DELIVERY OF TAXOL

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50,000

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

HAWAII		
AIEA	HAWAII BIOTECHNOLOGY GROUP, INC.	GROTHAUS, PAUL G
1R03 CA57087-01		IVY, JOHN M
1R43 AI32272-01		NAKANO, EILEEN T
INSTITUTION TOTAL	4	200,000
CITY TOTAL	4	200,000
STATE TOTAL	4	200,000
ILLINOIS CHAMPAIGN		
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN		
1R01 HD28686-01	BAILLARGEON, RENEE L	INFANTS' USE OF PHYSICAL KNOWLEDGE
1R29 HD28593-01	BUNICK, DAVID	TEMPERATURE SENSITIVE TRANSCRIPTION IN THE TESTIS
1R01 CA57032-01	GRATTON, ENRICO	OPTICAL IMAGING OF THICK TISSUES
1R03 DC01600-01	LANSING, CHARISSA R	VISUAL STRATEGIES USED BY HEARING-IMPAIRED ADULTS
1R29 HD28729-01	RHODES, JEAN E	MENTORING & STRESS RESISTANCE AMONG PREGNANT ADOLESCENTS
INSTITUTION TOTAL	5	586,469
CITY TOTAL	5	586,469
CHICAGO		
NORTHWESTERN UNIVERSITY		OTOLITH & CANAL SIGNALS IN VESTIBULAR-NECK REFLEX SYSTEM
1R01 DC01559-01	BAKER, JAMES F	ROLE OF CYTOKINES IN THYROXIN-STIMULATED BONE LOSS
1R01 DK45269-01	STERN, PAULA H	
INSTITUTION TOTAL	2	213,589
REHABILITATION INSTITUTE OF CHICAGO		DISCOURSE CHARACTERISTICS OF RIGHT CVA PATIENTS
1R03 DC01335-01A1	CHERNEY, LEORA R	
INSTITUTION TOTAL	1	36,719
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER		
1R01 AI29661-01A2	SPEAR, GREGORY T	COMPLEMENT INTERACTION WITH HIV AND HIV-INFECTED CELLS
INSTITUTION TOTAL	1	148,223
UNIVERSITY OF CHICAGO		
1R01 AI32654-01	HAMANN, KIMM J	CYTOKINE-INDUCTION OF EOSINOPHILS IN AIRWAYS
		127,384

NIH RESEARCH GRANTS

III. E OE RESEARCH PROPOSAL

**DOLLARS
AWARDED**

ILLINOIS CHICAGO	UNIVERSITY OF CHICAGO	HOCHSTRASSER, MARK W LYNN, DAVID G MC NABB, WYLIE L SEGEV, NAVA TAGER, HOWARD S WESTBROOK, CAROL A	DEGRADATION OF SHORT-LIVED REGULATORY PROTEINS IN YEAST CHEMICAL & GENETIC APPROACHES TO DEFINE CELL ACTIVATION WEIGHT LOSS IN INNER CITY BLACK WOMEN WITH DIABETES GENETIC ANALYSIS OF YPT1 A SMALL GTP-BINDING PROTEIN SEMISYNTHETIC IGF-1/INSULIN HYBRIDS AS RECEPTOR PROBES SECOND INTERNATIONAL WORKSHOP ON HUMAN CHROMOSOME 5	177,742 230,910 40,000 200,115 194,131 115,242
	INSTITUTION TOTAL	7	985,524	
ILLINOIS CHICAGO	UNIVERSITY OF ILLINOIS AT CHICAGO	COHEN, EDWARD P MACGREGOR, ROBERT B PAPPAS, GEORGE D POLLAK, RAYMOND RONINSON, IGOR B SINNOTT, MICHAEL L TSIKA, RICHARD W VOLZ, KARL W WAHLER, GORDON M WHITE-TRAUT, ROSEMARY C WONG, LID B	IMMUNITY TO MELANOMA WITH IL-2-SECRETING ALLOGENEIC CELL INTERACTIONS & CONFORMATIONS OF DNA AT HIGH PRESSURE INTERMEDIATE FILAMENT FOR HUMAN ASTROCYTOMAS ALLOGRAFT OR DONOR PRETREATMENT TO ALTER IMMUNOGENICITY RECESSIVE MECHANISMS OF RESISTANCE TO ANTI-CANCER DRUGS CATALYTIC CONSEQUENCES OF EXPERIMENTAL EVOLUTION EXERCISE HYPERTROPHY AND CONTROL OF MYOSIN INDUCTION MOLECULAR STRUCTURE STUDIES OF BACTERIAL SIGNAL PROTEINS REGULATION OF CARDIAC CALCIUM CHANNELS BY CYCLIC GMP INTERVENTION FOR PRETERM INFANTS DIAGNOSED WITH PVL CELLULAR REGULATION OF RESPIRATORY CILIA	137,079 93,102 130,808 112,428 195,913 177,186 208,848 149,456 102,504 273,447 115,425
	INSTITUTION TOTAL	11	1,696,196	41,577
	CITY TOTAL	22	3,080,251	
DE KALB	NORTHERN ILLINOIS UNIVERSITY	JOHNS, MITRICK A	CAN THE RAPD TECHNIQUE BE USED FOR GENETIC MAPPING	
	INSTITUTION TOTAL	1	41,577	
	CITY TOTAL	1	41,577	
EVANSTON	NORTHWESTERN UNIVERSITY	CARR, VIRGINIA M MC PHERSON, DAVID D	HEAT SHOCK PROTEINS IN THE OLFACTORY EPITHELIUM VASCULAR MECHANICS BY ULTRASOUND IMAGE ANALYSIS	38,014 160,001
	INSTITUTION TOTAL	2	198,015	
	CITY TOTAL	2	198,015	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
LOMBARD	I. S. GRUPE, INC. 1R43 CA56174-01	BOUMA, SUSAN Z DERMATOLOGY INFORMATION RESOURCE ON OPTICAL DISC	49,994
INSTITUTION TOTAL	1		
CITY TOTAL	1		49,994
MAYWOOD			
LOYOLA UNIVERSITY MEDICAL CENTER		INTERLEUKIN-2 INDUCED ANTI-FUNGAL ACTIVITY	168,710
1R01 AI31127-01A1	MATHEWS, HERBERT L		
INSTITUTION TOTAL	1		168,710
CITY TOTAL	1		168,710
MORTON GROVE			
REGIS CHEMICAL COMPANY		IMMOBILIZED ARTIFICIAL MEMBRANE (IAM) CHROMATOGRAPHY	49,994
1R43 GM43022-01A2	GLUNZ, LOUIS J		
INSTITUTION TOTAL	1		49,994
CITY TOTAL	1		49,994
NORTH CHICAGO			
ABBOTT LABORATORIES	KATZ, LEONARD	RAPAMYCIN ANALOGS FROM GENETICALLY ALTERED BACTERIA	146,678
1R01 GM46696-01			
INSTITUTION TOTAL	1		146,678
UNIVERSITY OF HEALTH SCIENCES/CHICAGO MEDICAL SCHOOL			
1R01 GM47487-01	POTASHKIN, JUDITH A	FISSION YEAST PRE-mRNA SPLICING FACTORS	129,724
INSTITUTION TOTAL	1		129,724
CITY TOTAL	2		276,402
PARK RIDGE			
AMERICAN SHOULDER AND ELBOW SURGEONS		GRANT IN PARTIAL SUPPORT OF CONFERENCE	10,000
1R13 AR41429-01	MATSEN, FREDERICK A, III		
INSTITUTION TOTAL	1		10,000
CITY TOTAL	1		10,000
STATE TOTAL	36		4,461,412

NIH
RESEARCH GRANTS

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

PRINCIPAL INVESTIGATOR

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA BLOOMINGTON	INDIANA UNIVERSITY AT BLOOMINGTON		
1R01 GM42932-01A1	BLUMENTHAL, THOMAS	TRANS-SPlicing IN C ELEGANS	136,758
1R29 GM47230-01	DALEKE, DAVID L	PURIFICATION OF THE AMINOPHOSPHOLIPID FLIPASE	96,543
1R01 GM46853-01	HIEFTJE, GARY M	NEW DIRECTIONS IN ATOMIC SPECTROMETRIC ANALYSIS	218,403
1R01 GM45923-01A1	JANSSEN, GARY R	TRANSLATION OF LEADERLESS TRANSCRIPTS IN EUBACTERIA	83,896
1R01 HD28675-01	SMITH, LINDA B	SHAPE BIAS IN CHILDREN'S WORD LEARNING	64,172
INSTITUTION TOTAL	5		
CITY TOTAL	5		
		649,772	
		649,772	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CARMEL INTEGRATED BIOTECHNOLOGY CORPORATION	SLACK, JOHN H	ANTI-ID AB VACCINE FOR HUMAN RESPIRATORY SYNCYTIAL VIRUS	43,256
1R43 HL47978-01			
INSTITUTION TOTAL	1		43,256
CITY TOTAL	1		43,256

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANAPOLIS	INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS		
1R03 DE09987-01A1	BIXLER, DAVID	IDENTIFY A MAJOR GENE RESPONSIBLE FOR CLEFTING	22,622
1R29 HL47483-01	LASH, JULIA M	MICROVASCULAR ADAPTATION TO PHYSICAL STRESS	117,497
1R01 HL48342-01	SRIVASTAVA, ARUN	PARVOVIRUS-MEDIATED GENE TRANSFER IN HUMAN STEM CELLS	189,908
1R01 HL46393-01A1	WAGNER, WILTZ W, JR	MECHANISMS OF NEUTROPHIL MARGINATION IN THE NORMAL LUNG	241,153
1R01 GM47110-01	WALDMAN, ALAN S	HOMOLOGOUS RECOMBINATION IN HIGHER EUKARYOTES	116,516
INSTITUTION TOTAL	5		687,696
CITY TOTAL	5		687,696
NOTRE DAME	NOTRE DAME	STRUCTURE AND FUNCTION OF VARIANT LAMBDA CRO PROTEINS	101,050
UNIVERSITY OF NOTRE DAME	MOSSING, MICHAEL C		
1R29 GM46513-01A1			
INSTITUTION TOTAL	1		101,050
CITY TOTAL	1		101,050
WEST LAFAYETTE	WEST LAFAYETTE		
PURDUE UNIVERSITY	CHMIELEWSKI, JEAN A	DNA BINDING, HELIX-LOOP-HELIX PROTEINS--EIB E47, LY1-1	122,444
1R29 GM46936-01	GUO, PEIXUAN	MECHANISM OF BACTERIOPHAGE 029 PROHEAD ASSEMBLY	85,265
1R29 GM46490-01A1			

**NIH
RESEARCH GRANTS**

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

INDIANA	WEST LAFAYETTE	WEST LAFAYETTE	PERCEPTION OF MUSICAL TUNING FROM INFANCY TO ADULTHOOD	90,396
	PURDUE UNIVERSITY	LYNCH, MICHAEL P	REGULATION OF SODIUM CHANNEL PHOSPHORYLATION IN BRAIN	96,961
1R29	HD28527-01A1	ROSSIE, SANDRA S	DE NOVO PURINE NUCLEOTIDE BIOSYNTHESIS	189,537
1R29	NS31221-01	ZALKIN, HOWARD		
1R01	GM46466-01			

INSTITUTION TOTAL

5

STATE TOTAL

17

584,603

584,603

2,066,377

KANSAS

KANSAS CITY

UNIVERSITY OF KANSAS MEDICAL CENTER

1R01	AI32109-01	CHANDRAN, BALA	GLYCOPROTEINS OF HUMAN HERPESVIRUS-6	106,335
1R01	GM47108-01	FISHER, HARVEY F	BINDING ENERGY TRANSDUCTION IN ENZYMATIC CATALYSIS	142,708
1R01	DK43007-01A2	INSANA, MICHAEL F	ULTRASONIC ANALYSIS OF SOFT TISSUE STRUCTURE	134,848
1R01	DK44859-01	RANKIN, CAROLYN A	ROLE OF IMMORTALIZATION RELATED GENES IN PKD	134,972
1P01	CA54474-01A1	RUSSELL, STEPHEN W	MACROPHAGE ACTIVATION FOR TUMOR CELL KILLING	790,196
1R01	DK45044-01	SHAH, GIRISH V	PARACRINE INTERACTIONS IN PROLACTIN SECRETION	83,934

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KANSAS KANSAS CITY UNIVERSITY OF KANSAS 1R13 HD28954-01 1R01 HD29036-01	MEDICAL CENTER SOARES, MICHAEL J SOARES, MICHAEL J	TROPHOBLAST CELLS BIOLOGY OF THE PLACENTAL PROLACTIN FAMILY	8,488 143,863
INSTITUTION TOTAL CITY TOTAL	8 8	1,495,294 1,495,294	
LAWRENCE UNIVERSITY OF KANSAS 1R29 GM46837-01	LAWRENCE SQUIER, THOMAS C	BIOPHYSICAL MEASUREMENTS OF MEMBRANE STRUCTURE	122,612
INSTITUTION TOTAL CITY TOTAL	1 1	122,612 122,612	
WICHITA WICHITA STATE UNIVERSITY 1R29 GM45026-01A2	WIMALASENA, KANDATEGE	NOREPINEPHRINE BIOSYNTHESIS: ROLE OF ASCORBATE	97,747
INSTITUTION TOTAL CITY TOTAL	1 1	97,747 97,747	
STATE TOTAL	10	1,715,653	
KENTUCKY LEXINGTON UNIVERSITY OF KENTUCKY 1R03 DE09926-01A1 1R29 NS29082-01A2 1R29 HL67598-01 1R01 CA56383-01 1R01 HD29050-01	BEEMAN, CYNTHIA S BLONDER, LEE X SOLTIS, EDWARD E TURKER, MITCHELL S WATSON, ROBERT E, JR	ROLE OF RETINOIDS AND POLYAMINES IN PALATOGENESIS SOCIAL COGNITION FOLLOWING RIGHT HEMISPHERE STROKE POLYAMINES VASCULAR SMOOTH MUSCLE AND HYPERTENSION THE SPECTRUM OF MUTATION INDUCED BY IONIZING RADIATION ESTROGEN RECEPTIVE NEURONS--SYNAPTIC CIRCUITRY	37,210 82,668 89,287 141,081 107,301
INSTITUTION TOTAL CITY TOTAL	5 5	457,547 457,547	
LOUISVILLE PEPTIDES INTERNATIONAL, INC. 1R43 GM47202-01	BENOVITZ, DEANNE E	IMPROVED METHOD FOR DERIVATIZED SOLID PHASE RESINS	43,676
INSTITUTION TOTAL CITY TOTAL	1 1	43,676 43,676	

NIH RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL
PRINCIPAL INVESTIGATOR
GRANT NUMBER

LOUISIANA
NEW ORLEANS
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS
1R03 HL48361-01 ELSTON, ROBERT C
1R01 AI32375-01 ROBINSON, JAMES E
MAJOR GENES FOR CARDIOVASCULAR DISEASE RISK FACTORS
HUMAN MONOCLONAL ANTIBODIES TO HIV 2 GLYCOPROTEINS
63, 183
118, 715

INSTITUTION TOTAL 2 181,898
TULANE UNIVERSITY OF LOUISIANA
1R01 CA54576-01A1 GERBER, MICHAEL A
RELATION OF HEPATITIS C VIRUS - HEPATOCELLULAR CARCINOMA
168,277

**SHREVEPORT
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT**
GLUTATHIONE AND INTESTINAL LIPID HYDROPEROXIDES
PEPTIDE SECONDARY METABOLITE BIOSYNTHESIS IN BACILLUS

INSTITUTION TOTAL	2	230,664
CITY TOTAL	2	230,664
STATE TOTAL	5	580,839

INE
AR HARBOR
JACKSON LABORATORY
1R01 GM46697-01
INSTITUTION TOTAL
CITY TOTAL
JOHNSON, KENNETH R
GENETIC AND MOLECULAR ANALYSES OF MOUSE MUTATIONS
131,487
131,487
131,487

ORTLAND IMMUCELL CORPORATION CRABB, JOSEPH H
 1R43 A132263-01
 INSTITUTION TOTAL 1 50,000
 CITY TOTAL 1 50,000
 STATE TOTAL 2 181,487
 STRAIN SPECIFICITY OF ANTI-CRYPTOSPORIDIUM IGG
 50,000

NIH
RESEARCH GRANTS

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

GRANT NUMBER

PRINCIPAL INVESTIGATOR

MARYLAND
BALTIMORE

JOHNS HOPKINS UNIVERSITY	STRUCTURES OF ANTIBODY COMPLEXES WITH BIOACTIVE PEPTIDES
1R01 GM44692-01A2	IMMUNOTOXIC EFFECTS OF IODINE
1R01 DK42176-01A3	MOLECULAR ANALYSIS OF A MUSCLE ACTIN-CAPPING PROTEIN
1R01 AR40697-01A1	CELL RECEPTOR FOR VISNA-MACROPHAGE-TROPIC LENTIVIRUS
1R01 AI32369-01	MOLECULAR BIOLOGY OF THE MARFAN SYNDROME
1R01 AR41135-01	MECHANISMS OF DNA REPLICATION IN CYTOMEGALOVIRUS
1R01 AI31454-01A1	WEIGHT LOSS IN URBAN BLACKS WITH/AT RISK FOR DIABETES
1R21 DK45195-01	MOLECULAR STUDIES OF MANDIBULOFAZIAL DYSOSTOSIS
1R01 DE10180-01	PATHOPHYSIOLOGY OF VENTRICULAR-VASCULAR INTERACTION
1R01 HL47511-01	MECHANISM OF CYTOTOXICITY OF TOPOISOMERASE II POISONS
1R01 CA55642-01	PATHOPHYSIOLOGY OF GLUTAMATE IN ALS
1R01 NS30086-01	MOLECULAR ASPECTS OF IgE HETEROGENEITY AND HRF/IN VITRO
1R29 AI32651-01	DYNAMICS OF TCELL REPLACEMENT IN HIV 1 INFECTION
1R01 AI32376-01	MECHANISM OF CEREBRAL VASODILATION DUE TO ISOFLURANE
1R01 GM46764-01	NEURAL INTEGRATION AT AIRWAY PARASYMPATHETIC GANGLIA
1R29 HL48198-01	RISK OF POST TRANSFUSION HEPATITIS C VIRUS INFECTION
1R01 HL45333-01A2	NOVEL NUCLEAR PROTEINS IN NORMAL AND CANCER CELLS
1R01 CA54404-01A1	POLLUTANT-PARTICLE-LUNG SURFACTANT INTERACTIONS
1R01 ES05788-01	MECHANISMS OF SYSTOLIC CARDIAC DEFORMATION
1R01 HL46223-01A1	CAROTID BODY CHEMOTRANSDUCTION & CARDIOPULMONARY CONTROL
1R29 HL47044-01A1	AGE-RELATED GEOGRAPHIC ATROPHY
1R01 EY08552-01A2	DIET INTERVENTION IN THE ELDERLY
1R01 HL48641-01	IMMUNOPHARMACOLOGIC ERADICATION OF MYELOID LEUKEMIA
1R03 TW00047-01	ROLE OF THE CF GENE PRODUCT IN LUNG DEVELOPMENT
1R29 HL48274-01	
INSTITUTION TOTAL	24
KENNEDY INSTITUTE, INC.--KENNEDY RESEARCH INSTITUTE, INC.	4,677,365
1R29 NS29167-01A1	ROLE OF EXCITATORY AMINO ACIDS IN CORTEX DEVELOPMENT
INSTITUTION TOTAL	1
KENNEDY INSTITUTE, INC.--KENNEDY RESEARCH INSTITUTE, INC.	90,708
1R29 BLUE, MARY E	
INSTITUTION TOTAL	1
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND	BALTIMORE PROFESSIONAL SCHOOL
1R29 GM46511-01A1	QUANTITATIVE STUDIES OF THE BIOTIN REGULATORY SYSTEM
1R29 AI32074-01	EAE GENE CLUSTER OF ENTEROPATHOGENIC <i>E. COLI</i>
1R01 DK42839-01A2	PROLACTIN REGULATION OF PROSTATE CITRATE PRODUCTION
1R01 AG10118-01	HETEROGENEOUS ANTIBODY RESPONSES IN AGING
1R01 CA52681-01A2	POTENTIATION OF CHEMOTHERAPY BY LOW-LEVEL ULTRASOUND
1R29 GM46956-01	NOVEL FLUORESCENT PROBES OF CELL SIGNALLING IN MITOSIS
1P01 AG10207-01	MECHANISMS OF IMMUNONESENCE
1R03 TW00049-01	DISTANCE DISTRIBUTIONS AND DYNAMICS OF OLIGOPEPTIDES
1R01 DK44818-01	PATHOGENESIS OF INTERSTITIAL CYSTITIS
INSTITUTION TOTAL	9
	1,702,493

156,294	97,569
106,247	98,897
260,353	149,416
185,417	122,141
271,548	177,749
208,279	116,959
34,524	715,570
227,901	25,400
227,304	198,792
169,307	
162,489	
126,814	
231,282	
196,103	
108,063	
520,706	
214,454	
104,597	
242,395	
111,900	
204,534	
530,394	
23,224	
53,236	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	34	6,470,566	
MARYLAND BETHESDA	AMERICAN SOCIETY FOR CLINICAL NUTRITION 1R13 AI31952-01	EIGHTH INTERNATIONAL CONGRESS OF IMMUNOLOGY	33,000
INSTITUTION TOTAL	1	33,000	
BIOPHYSICAL SOCIETY 1R13 GM47379-01	WHITE, STEPHEN H	6TH BIOPHYSICAL DISCUSSION: BIOPHYSICS & RECOMBINANT DNA	8,000
INSTITUTION TOTAL	1	8,000	
FEDERATION OF AMERICAN SOCIETY FOR EXPERIMENTAL BIOLOGY 1R13 DK44907-01 1R13 DK44899-01 1R13 DK44909-01	CHOU, CHING-CHUNG FALLA, MARK L NAVAR, LUIS G	FASEB SUMMER RESEARCH CONFERENCE--SPLANCHNIC CIRCULATION FASEB SUMMER CONFERENCE ON MICRONUTRIENT: TRACE ELEMENTS FASEB CONFERENCE ON IN RENAL HEMODYNAMICS--INTERACTIONS	5,000 11,500 12,500
INSTITUTION TOTAL	3	29,000	
HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE 1R22 AI31940-01 1R01 NS31078-01 1R29 GM47269-01	HOLMES, RANDALL K KELLER, ASAFT MILLER, KURT W	GENETIC ANALYSIS OF CHOLERA TOXIN STRUCTURE AND FUNCTION INTRINSIC SYNAPTIC CIRCUITRY IN THE CEREBRAL CORTEX TOPOGENESIS OF POLYTOPIC INTEGRAL MEMBRANE PROTEINS	234,971 126,817 81,305
INSTITUTION TOTAL	3	443,093	
CITY TOTAL	8	513,093	
COLLEGE PARK EASTERN ANALYTICAL, INC. 1R43 AR41269-01	MOORE, LARRY J	LASER ENRICHMENT OF CALCIUM STABLE ISOTOPES	49,997
INSTITUTION TOTAL	1	49,997	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS 1R29 GM45856-01A1 1R01 HG00419-01A1 1R01 GM46686-01	FALVEY, DANIEL E WACHBROIT, ROBERT WOODSON, SARAH A	PHOTOCHEMICAL ASPECTS OF DNA PHOTOREPAIR REASSESSING HEALTH, NORMALITY, AND CONFIDENTIALITY EFFECT OF EXON STRUCTURE ON SPLICING OF A GROUP I INTRO	102,496 175,494 154,811
INSTITUTION TOTAL	3	432,801	
CITY TOTAL	4	482,798	

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND COLUMBIA MARTEK CORPORATION 1R43 GM47766-01	ALLNUTT, F C	SMALL PHYCOBILIPROTEINS FOR USE AS FLUORESCENT MARKERS	48,319
INSTITUTION TOTAL CITY TOTAL	1 1		48,319 48,319
GAITHERSBURG MEDIMMUNE, INC. 1R43 A130300-01A2	JOHNSON, LESLIE S	HUMAN-MURINE CHIMERIC ABS VS RESPIRATORY SYNCYTIAL VIRUS	50,000
INSTITUTION TOTAL	1		50,000
ONCOR, INC. 1R43 GM47750-01 1R43 GM47187-01	DIETZ-BAND, JEANNE GEORGE, JAY	HUMAN TELOMERIC DNA PROBES FOR CYTOGENETIC DIAGNOSIS MOLECULAR CYTOGENETIC ANALYSIS OF HUMAN CHROMOSOMES	49,750 49,899
INSTITUTION TOTAL CITY TOTAL	2 3		99,649 149,649
IJAMSVILLE BIOLOGICAL RESEARCH FACULTY AND FACILITY, INC. 1R43 ES06044-01	TYPE, P THOMAS	DIFFERENTIATED CELLS AS TARGETS FOR CARCINOGEN-SCREENING	50,000
INSTITUTION TOTAL CITY TOTAL	1 1		50,000 50,000
POTOMAC POTOMAC RESEARCH, INC. 1R43 HL48433-01	GUO, THEODORE C	THREE-DIMENSIONAL QUANTITATIVE MEASUREMENT OF BODY FAT	50,000
INSTITUTION TOTAL CITY TOTAL	1 1		50,000 50,000
ROCKVILLE AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH--BIOMEDICAL RESEARCH, INC. 1R29 A130483-01A1	SINA, BARBARA	STUDIES OF CSP-2, A PROTECTIVE SPORZOITE MALARIA ANTIGEN	68,801
INSTITUTION TOTAL	1		68,801

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND ROCKVILLE LARGE SCALE BIOLOGY CORPORATION 1R43 GM4757-01	NORMAN G ANDERSON, NORMAN G	SYSTEM FOR LARGE SCALE SYNTHESIS OF ANTISENSE OLIGOS	50,000
INSTITUTION TOTAL 1		50,000	
PRECEPTS, INC. 1R43 CA56256-01	GARDNER, LILLY B	COMMUNITY-BASED NUTRITION EDUCATION FOR HISPANICS	49,989
INSTITUTION TOTAL CITY TOTAL 3	1	49,989	
STATE TOTAL 55	3	168,790	
	7,933,215		
MASSACHUSETTS AMHERST UNIVERSITY OF MASSACHUSETTS AT AMHERST	LYNMARIE K THOMPSON, LYNMARIE K	MECHANISMS OF SIGNAL TRANSDUCTION IN THE ASP RECEPTOR	96,727
INSTITUTION TOTAL CITY TOTAL 1	1	96,727	
BILLERICA ADVANCED SURFACE TECHNOLOGY, INC 1R43 AR41086-01	LOH, IH-HOUNG	TOTALLY BIOABSORBABLE COMPOSITE BONE FIXATION DEVICE	50,000
INSTITUTION TOTAL CITY TOTAL 1	1	50,000	
BOSTON BETH ISRAEL HOSPITAL 1R01 HL45180-01A2 1R01 HL44431-01A1 1R01 DK43051-01A2 1R01 AI33211-01 1R01 DK44626-01	BURSTEIN, DEBORAH GROSSMAN, WILLIAM KAHN, BARBARA B LIBERMANN, TOWIA A STROM, TERRY B	MRI OF CORONARY ARTERY FLOW IN ISOLATED & IN VIVO HEARTS CORONARY CAPACITANCE AND VENTRICULAR DYSFUNCTION GLUCOSE TRANSPORTER REGULATION IN OBESITY AND DIABETES B CELL DEVELOPMENT--ROLE OF TRANSCRIPTIONAL REGULATORS MOLECULAR CHARACTERIZATION OF RENAL ALLOGRAFT REJECTION	174,363 250,081 230,381 207,793 173,383
INSTITUTION TOTAL 5	1	1,036,001	
BOSTON HEALTH AND HOSPITALS DEPARTMENT 1R21 DK45188-01	CHIPKIN, STUART R	DIABETES MELLITUS IN URBAN CARIBBEAN LATINOS	28,545
INSTITUTION TOTAL 1		28,545	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

MASSACHUSETTS

BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL
1R29 GM47127-01 GOLENBOCK, DOUGLAS T LIPID A AND MEMBRANE PROTEIN INTERACTIONS

INSTITUTION TOTAL

44,667

BOSTON UNIVERSITY
1P01 HL47049-01 BRODY, JEROME S
1P50 HL46563-01 CENTER, DAVID M
1R29 HL48236-01 GILLMAN, MATTHEW W
1R01 DK43690-01A1 HOLICK, MICHAEL F
1R01 DC01371-01 KOHN, SUSAN E
1R01 CA52067-01A2 LESKO, SAMUEL M
1R03 TW00056-01 MAKOWSKI, LEE
1R01 DK44619-01 OFFNER, GYNNETH D
1R01 HL46193-01A1 POSNER, BARBARA M
1R01 CA55249-01A1 ROSENBERG, LYNN

INSTITUTION TOTAL 1 44,667

REGULATION OF ALVEOLAR EPITHELIAL CELL DIFFERENTIATION
SCOR-OCCUPATIONAL AND IMMUNOLOGICAL LUNG DISEASES
EVALUATION OF CHILDHOOD BLOOD PRESSURE & LIPID SCREENING
VITAMIN D ACTIVITY AND METABOLISM IN PSORIASIS
VERB-BASED SENTENCE CONSTRUCTION DEFICITS IN APHASIA
PROSTATE CANCER IN RELATION TO VASECTOMY
STRUCTURE OF ENGINEERED BACTERIOPHAGE PARTICLES
MUCIN AND NON-MUCIN PROTEINS IN GALLSTONE PATHOGENESIS
CYCLE V FRAMINGHAM OFFSPRING/SPOUSE NUTRITION STUDIES
CASE-CONTROL STUDY OF NSAID USE AND LARGE BOWEL CANCER

INSTITUTION TOTAL

10 3,913,419

BRIGHTHAM AND WOMEN'S HOSPITAL
1R01 HL47569-01 BEASLEY, DEBBIE
1R01 DK43714-01A1 BRENT, GREGORY A
1R29 NS29281-01A1 GILLILAND, DWIGHT G
1R29 NS29281-01A1 HALL, GARTH F
1R01 DK44128-01 LARSEN, PHILIP R
1R29 HL47646-01 LUSCINSKAS, FRANCIS W
1R01 AR41024-01A1 MATHEWS-ROTH, MICHELLE M
1R29 HL46457-01A1 MICHEL, THOMAS M
1R01 GM47726-01 MITCHELL, RICHARD N
1R29 AI32717-01 ROGERS, JACK T
1R01 ES05859-01 SOBERMAN, ROY J

INSTITUTION TOTAL 1 1,919,579

AUTOCRINE ROLE OF CYTOKINES IN VASCULAR SMOOTH MUSCLE
ANIMAL AND CELLULAR MODELS OF THYROID HORMONE RESISTANCE
MOLECULAR PATHOGENESIS OF MYELODYSPLASTIC SYNDROME
CONTROL OF POLARITY IN REGENERATING NEURONS
PHYSIOLOGY OF THYROID HORMONE DEPENDENT GENE EXPRESSION
ENDOTHELIAL-DEPENDENT LEUKOCYTE ACTIVATION
CYSTEINE THERAPY FOR ERYTHROPOIETIC PROTOPORPHYRIA
CHARACTERIZATION OF ENDOTHELIAL NITRIC OXIDE SYNTHETASE
MEMBRANE RECEPTOR TRAFFICKING AND ANTIGEN PROCESSING
TRANSLATIONAL CONTROL OF THE ACUTE PHASE RESPONSE
WHITE CELL RESPONSES TO ENVIRONMENTAL TOXINS

INSTITUTION TOTAL

1 954,965

CHILDREN'S HOSPITAL
1R01 AI31136-01A1 GEHA, RAIF S
1R01 HL43357-01A2 HANLEY, FRANK L
1R01 GM47397-01 KLAGSRUN, MICHAEL
1R01 AI28473-01A4 PATTERSON, JEAN L

INSTITUTION TOTAL 4

MECHANISMS OF IGE SYNTHESIS BY HUMAN B CELLS
PATHOPHYSIOLOGIC RESPONSES TO FETAL CARDIAC SURGERY
HEPARIN-BINDING EGF--STRUCTURE AND FUNCTION
MOLECULAR BIOLOGY OF AN RNA VIRUS FOUND IN LEISHMANIA

DANA-FARBER CANCER INSTITUTE

1R01 HD27322-01A2 ARCECI, ROBERT J

SCF/C-KIT AND CSF-1/C-FMS IN MATERNAL/FETOPLACENTAL UNIT

204,020

229,902

214,607

257,014

253,442

NIH
RESEARCH GRANTS

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

MASSACHUSETTS

BOSTON FARBER CANCER INSTITUTE
 1R01 DK43889-01A1 D'ANDREA, ALAN D
 1R29 CA56503-01 EPSTEIN, RICHARD J
 FINBERG, ROBERT W
 HASELTINE, WILLIAM A
 KUFE, DONALD W
 STREULI, MICHEL F
 TEDDER, THOMAS F
 1R01 CA54464-01A1

INSTITUTION TOTAL 8

FORSYTH DENTAL CENTER TANNER, ANNE C
 1R01 DE09513-01A2

INSTITUTION TOTAL 1

HARVARD UNIVERSITY TASHJIAN, ARMEN H, JR
 1R13 AR41384-01 WATKINS, DAVID I
 1R29 AI32426-01 WONG, DAVID T
 1R03 CA56325-01

INSTITUTION TOTAL 3

INTERNATIONAL CONGRESS FOR INFECTIOUS DISEASES
 1R13 AI32000-01 MAHMUD, ADEL A

INSTITUTION TOTAL 1

JOSLIN DIABETES CENTER BONNER-WEIR, SUSAN
 1R01 DK44523-01 SMITH, ROBERT J
 1R01 DK43038-01A1

INSTITUTION TOTAL 2

MASSACHUSETTS GENERAL HOSPITAL ARNOLD, ANDREW
 1R01 CA55909-01 CONLAY, LYDIA A
 1R01 GM41767-01A3 FRIEND, STEPHEN H
 1R01 CA55898-01 HASAN, TAYYABA
 1R01 AR40352-01A1 LIN, CHI-WEI
 1R03 CA56381-01 PRINCE, MARTIN R
 1R01 HL46384-01A1 SACHS, DAVID H
 1R01 CA55553-01 STAMENKOVIĆ, IVAN
 1R01 CA55735-01

STRUCTURE AND FUNCTION OF THE ERYTHROPOIETIN RECEPTOR
 ACTIVATION SPECIFIC C ERBB 2 DETECTION IN BREAST CANCER
 CELL SURFACE PROTEINS INVOLVED IN ECHOVIRUS ATTACHMENT
 GENETICS AND MECHANISM OF ACTION OF THE HIV INTEGRASE
 MOLECULAR REGULATION OF C-JUN BY IONIZING RADIATION
 SIGNAL TRANSDUCTION VIA PROTEIN TYROSINE PHOSPHATASES
 REGULATION OF HUMAN LEUKOCYTE RECIRCULATION

INITIAL LESION OF ADULT PERIODONTITIS 271,467

ELEVENTH MEETING OF THE ICCRH
 THE MHC OF THE Rhesus MONKEY
 RADIATION RESPONSIVENESS AND H3 mRNA IN HUMAN CANCER

INTERNATIONAL CONGRESS FOR INFECTIOUS DISEASES 17,500

MECHANISMS OF ISLET GROWTH AND DIFFERENTIATION
 EXPRESSION AND FUNCTION OF MULTIPLE IGF I RECEPTORS 142,700
 1R01 166,822

NOVEL CYCLIN-LIKE CANDIDATE ONCOGENE ON 11Q13
 ADENOSINE AND ADENOSINE RECEPTORS DURING HYPOTENSION
 ROLE OF GERM LINE P53 MUTATIONS IN HUMAN CANCER
 EXPERIMENTAL PHOTOTHERAPY OF OVARIAN CANCER
 BLADDER CANCER -SUPPRESSOR GENES AND RADIATION RESPONSE
 SELECTIVE LASER ABLATION--THE ROLE OF CAROTENOIDS
 BONE MARROW TRANSPLANTATION ACROSS MHC BARRIERS
 BIOLOGY AND FUNCTION OF CD44 ISOFORMS 266,602
 86,090
 325,038
 221,515
 46,172
 163,799
 342,151
 192,854

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS BOSTON MASSACHUSETTS GENERAL HOSPITAL 1R01 AI31050-01A1	WINN, HENRY J	GENETIC VARIANTS IN THE STUDY OF IMMUNE RESPONSE IN VIVO	225,454
INSTITUTION TOTAL	9	1,869,675	
NEW ENGLAND DEACONESS HOSPITAL 1R21 DK44434-01	BLACKBURN, GEORGE L	LONGTERM OUTCOME OF OBESITY TREATMENT IN MINORITY WOMEN	80,993
INSTITUTION TOTAL	1	80,993	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. 1R29 CA56803-01	BAND, VIMLA	HUMAN MAMMARY EPITHELIAL CELL IMMORTALIZATION	89,624
1R01 DK43673-01A1	LEITER, ANDREW B	CELL-SPECIFIC REGULATION OF SECRETIN GENE EXPRESSION	206,548
1R01 AI31151-01A1	PEREIRA, MIERCIO E	HEPARIN-BINDING RECEPTORS OF TRYPANOSOMA CRUZI	227,160
INSTITUTION TOTAL	3	523,332	
ST. ELIZABETH'S HOSPITAL OF BOSTON 1R29 DK44475-01	MARANTO, ANTHONY R	ENTEROCYTE INSP3 RECEPTOR--BINDING & CHANNEL PROPERTIES	105,412
INSTITUTION TOTAL	1	105,412	
TUFTS UNIVERSITY 1R01 AI30032-01A2	BULLOCK, PETER A	INITIATION OF SV40 DNA REPLICATION AND ITS REGULATION	179,941
1R01 GM47717-01	FEIG, LARRY A	FUNCTION OF THE RAS-RELATED RAL PROTEINS	242,565
1R01 CA54349-01A1	GOLDIN, BARRY R	ESTROGENIC PLANT COMPOUNDS & ETIOLOGY OF BREAST CANCER	513,486
1P30 HD28897-01	KING, JOAN C	NICHD POPULATION RESEARCH CENTER CORE GRANT	447,982
1R01 CA54420-01A1	MADOFF, MORTON A	INCREASING COMPLIANCE WITH MAMMOGRAPHY GUIDELINES	236,888
1R29 DK43776-01A1	MOORE, RONDA P	PATHOBIOLOGY OF INTESTINAL EPITHELIAL RESTITUTION	116,900
1R01 GM47017-01	PIWNICA-WORMS, HELEN M	P34CDC2 AND CELL CYCLE CONTROL	188,940
1R01 DK44816-01	THEOHARIDES, THEODHARIS C	NEUROHORMONAL & FREE RADICAL ACTIVATION OF BLADDER CELLS	152,209
1R29 NS30566-01	TRIMMER, BARRY A	CHOLINERGIC RECEPTORS IN MANDUCA SEXTA	110,324
INSTITUTION TOTAL	9	2,184,235	
CITY TOTAL	70	14,893,784	
BUZZARDS BAY CAPE COD RESEARCH, INC. 1R43 NS28986-01A2	DIXON, BRIAN G	SELECTIVE OPTRODE DEVELOPMENT FOR NEUROTRANSMITTER DETEC	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

			DOLLARS AWARDED
MASSACHUSETTS CAMBRIDGE	MASSACHUSETTS INSTITUTE OF TECHNOLOGY 1R01 GM46942-01 1R01 AI32486-01	RAJBHANDARY, UTTAM L SHARP, PHILLIP A	STRUCTURE AND FUNCTION OF EUKARYOTIC INITIATOR TRNA MECHANISM OF ACTIVITIES OF TAT AND REV OF HIV 1 120,586 194,206
INSTITUTION TOTAL	2		314,792
NATIONAL BUREAU OF ECONOMIC RESEARCH 1P01 AG10120-01			AGING OF UNION ARMY MEN: A LONGITUDINAL STUDY 1830-1940 409,961
INSTITUTION TOTAL	1		409,961
NEMAPHARM, INC. 1R43 AI32280-01	JOHNSON, CARL D		DIAGNOSTICS FOR IVERMECTIN RESISTANCE IN NEMATODES 49,957
INSTITUTION TOTAL	1		49,957
VERTEX PHARMACEUTICALS, INC. 1R43 AI32811-01	SU, MICHAEL S		NON-VIRAL, HUMAN T CELL ASSAY FOR HIV-1 PROTEASE 50,000
INSTITUTION TOTAL	1		50,000
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 1R29 GM47678-01	TIDOR, BRUCE		MOLECULAR MODELING OF THE GCN4 LEUCINE ZIPPER 116,117
INSTITUTION TOTAL	1		116,117
CITY TOTAL	6		940,827
MEDFORD TUFTS UNIVERSITY 1R01 DK44589-01	D'ALARCAO, MARC		SYNTHESIS OF INSULIN-MIMETIC PHOSPHOSACCHARIDES 99,177
INSTITUTION TOTAL	1		99,177
CITY TOTAL	1		99,177
NEWTON BOSTON COLLEGE 1R29 GM47480-01	HOVEYDA, AMIR H		CATALYTIC & STEREOSELECTIVE C-C BOND FORMING REACTIONS 98,022
INSTITUTION TOTAL	1		98,022
CITY TOTAL	1		98,022

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS SHREWSBURY FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC.	RICHTER, JOEL D VALLEE, RICHARD B WANG, YU-LI	POLYADENYLATION AND TRANSLATIONAL CONTROL MOLECULAR GENETICS OF CYTOPLASMIC DYNINE STRUCTURAL ASSEMBLY IN MUSCLE AND NON-MUSCLE CELLS	147,120 215,870 111,255
INSTITUTION TOTAL	3	474,245	
CITY TOTAL	3	474,245	
SOMERVILLE BINARY TECHNIQUES, INC.	EYLLON, MARTIN M	EARLY ROOT CAVIES DETECTOR	50,000
1R43 DE09896-01A1			
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
SPRINGFIELD MASSACHUSETTS INSTITUTE OF BEHAVIORAL MEDICINE	KAISER, CHRIS A	MOLECULAR GENETICS OF INTRACELLULAR PROTEIN TRANSPORT	131,211
1R01 GM46941-01			
INSTITUTION TOTAL	1	131,211	
CITY TOTAL	1	131,211	
WALTHAM EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION	SCHWARTING, GERALD A	GLYCOCONJUGATES IN OLFACTORY CELL-CELL INTERACTIONS	206,885
1R01 DC00953-01A2			
INSTITUTION TOTAL	1	206,885	
GINER, INC	SARANGAPANI, S	ELECTROCHEMICAL SUPERCAPACITORS FOR MICROSTIMULATORS	50,000
1R43 NS30761-01			
INSTITUTION TOTAL	1	50,000	
PYRAMID TECHNICAL CONSULTANTS	BOISSEAU, RAYMOND P	ATMOSPHERIC PROTON MICROPROBE FOR TRACE ELEMENT ANALYSIS	50,000
1R43 GM47206-01			
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	3	306,885	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS WATERTOWN NEW ENGLAND RESEARCH INSTITUTE, INC. 1R43 AI32328-01 1R43 CA57093-01 1R43 HL47987-01	AVIS, NANCY E AVIS, NANCY E GALLAGHER, DIANNE	QUALITY OF LIFE ASSESSMENT IN PERSONS WITH AIDS INNOVATIVE VIDEO APPROACH TO BREAST CANCER EDUCATION MANAGEMENT OF SICKLE CELL DISEASE: VIDEO FOR PARENTS	49,977 47,583 49,877
INSTITUTION TOTAL 3		147,437	
RADIATION MONITORING DEVICES, INC. 1R43 CA57081-01 1R43 HG00438-01A1	ENTINE, GERALD MC GANN, WILLIAM J	HIGH RESOLUTION DIGITAL MAMMOGRAPHY USING CCDS LARGE AREA IMAGING SYSTEM FOR RADIOACTIVE DNA SAMPLES	50,000 50,000
INSTITUTION TOTAL 2		100,000	
CITY TOTAL 5		247,437	
WELLESLEY POLYSENSE, INC. 1R43 HL48445-01	LEGG, KENNETH D	OPTICAL PH AND CO ₂ SENSORS FOR INVASIVE MEASUREMENTS	50,000
INSTITUTION TOTAL 1		50,000	
CITY TOTAL 1		50,000	
WOBURN BIOTEK, INC. 1R43 HD29346-01	NUNWAYSER, ELIE S	TESTOSTERONE MICROCAPSULES FOR MALE CONTRACEPTION	49,997
INSTITUTION TOTAL 1		49,997	
CITY TOTAL 1		49,997	
WORCESTER TSI CORPORATION 1R43 GM47182-01	SMITH, GILBERT L	BIOSENSOR TO MONITOR DRUG/ANESTHETIC INTERACTIONS	40,483
INSTITUTION TOTAL 1		40,483	
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER 1R01 GM46422-01A1 1R03 TW00027-01 1R29 NS29407-01A1 1R01 AR41480-01 1R29 AI31355-01A1	FEDOR, MARTHA J HIRSCHBERG, CARLOS B RECHT, LAWRENCE DAVID SINGER, ROBERT H VIGLIANTI, GREGORY A	OPTIMIZATION OF INTERMOLECULAR HAIRPIN RNA CATALYSIS TOPOGRAPHY OF GLYCOSYLATION IN THE ENDOPLASMIC RETICULUM TREATMENT OF GLIOBLASTOMAS WITH IMMUNOTOXINS MECHANISM OF ACTIN mRNA LOCALIZATION TAR RNA SPLICING IN SIV MAC	138,678 26,491 116,106 215,543 103,249
INSTITUTION TOTAL 5		600,067	

**NIH
RESEARCH GRANTS**

TITLE OF RESEARCH PROPOSAL

**DOLLARS
AWARDED**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	CITY TOTAL	STATE TOTAL
6	640,550	6	18,178,862

MICHIGAN

ANN ARBOR	UNIVERSITY OF MICHIGAN AT ANN ARBOR	ALWIN, DUANE F	140,050
1R01 AG09747-01A1	BROWN, SUSAN S	GARCIA, GEORGE A	175,835
1R01 GM46745-01	GARCIA, GEORGE A	HAGEN, JOHN W	106,612
1R29 GM45968-01A1	HAGEN, JOHN W	LA DU, BERT N, JR	121,494
1R01 DK43725-01A1	LA DU, BERT N, JR	LOVE, JEFFREY A	174,159
1R01 GM46979-01	LOVE, JEFFREY A	LOWE, JOHN B	109,151
1R29 DK46169-01A1	LOWE, JOHN B	NEUBIG, ELIZABETH G	112,217
1R01 GM47455-01	NEUBIG, ELIZABETH G	NEUBIG, RICHARD R	236,622
1R01 HL43757-01A1	NEUBIG, RICHARD R	PETERS-GOLDEN, MARC L	182,693
1R01 HL46417-01A1	PETERS-GOLDEN, MARC L	SCHWAIGER, MARKUS	210,266
1R01 HL47391-01	SCHWAIGER, MARKUS	TOEWS, GALEN B	334,865
1R01 HL47543-01	TOEWS, GALEN B	TRAUGOTT, MICHAEL M	1,253,237
1P50 HL46487-01	TRAUGOTT, MICHAEL M	VICKERMAN, MARY M	15,000
1R13 AG10519-01	VICKERMAN, MARY M	WARREN, JEFFERY S	36,406
1R03 DE10217-01			150,671
1R01 HL48287-01			
INSTITUTION TOTAL	15	3,359,278	
CITY TOTAL	15	3,359,278	

DETROIT

HENRY FORD HOSPITAL	FREYTAG, SVEND O	I TO, SADAYOSHI	RENEHAN, WILLIAM E	109,733
1R01 CA55629-01	JACKSON, MATTHEW P	KRAWETZ, STEPHEN A		182,183
1R01 HL46518-01A1	MACKENZIE, GWEN			145,103
1R01 DC01074-01A1	MOBASHERY, SHAHRIAR			
	NINFA, ALEXANDER J			
	RUNGE-MORRIS, MELISSA A			
	SLOANE, BONNIE F			
INSTITUTION TOTAL	3	437,019		

WAYNE STATE UNIVERSITY

1R29 GM47428-01	BISHWAS, TAPAN K	TRANSCRIPTIONAL REGULATION IN YEAST MITOCHONDRIA	101,107
1R29 AI22929-01A2	JACKSON, MATTHEW P	MOLECULAR ANALYSIS OF SHIGA TOXIN	102,078
1R01 HD28504-01A1	KRAWETZ, STEPHEN A	HAPLOID-SPECIFIC DOMAIN DURING SPERMATOGENESIS	154,157
1R13 CA57438-01	MACKENZIE, GWEN	MICHIGAN LEADERSHIP SUMMIT--CHALLENGE OF BREAST CANCER	23,808
1R29 AI32245-01	MOBASHERY, SHAHRIAR	AMINOGLYCOSIDE 3'-PHOSPHOTRANSFERASES	95,629
1R01 GM47460-01	NINFA, ALEXANDER J	INTERACTIONS OF THE SIGNAL TRANSDUCTION PROTEIN P11	133,218
1R29 ES05823-01	RUNGE-MORRIS, MELISSA A	SULFOTRANSFERASE EXPRESSION: IMPLICATIONS FOR TOXICITY	96,571
1R01 CA56586-01	SLOANE, BONNIE F	CATHEPSINS B AND L IN MALIGNANT PROGRESSION O MCF-10	156,763

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

MICHIGAN DETROIT WAYNE STATE UNIVERSITY 1R01 AI33151-01	TSE, HARLEY Y	150,177
INSTITUTION TOTAL CITY TOTAL	9 12	1,013,508 1,450,527

EAST LANSING MICHIGAN STATE UNIVERSITY 1R29 GM46354-01A1 1R01 GM47293-01 1R01 GM47274-01 1R29 HL47805-01	AYALA, ALFRED KROOS, LEE R NOCERA, DANIEL G PORTMAN, MICHAEL A	DIFFERENTIAL EFFECTS OF SEPSIS ON MACROPHAGE FUNCTION CELL INTERACTION-REGULATED GENE EXPRESSION IN M XANTHUS COUPLED ELECTRON-PROTON AND ELECTRON TRANSFER REACTIONS MATURATION OF MYOCARDIAL RESPIRATORY CONTROL	39,664 116,032 181,767 108,328
INSTITUTION TOTAL CITY TOTAL	4 4	445,791 445,791	
STATE TOTAL	31	5,255,596	

MINNEAPOLIS EDEN PRAIRIE BIO-METRIC SYSTEMS, INC. 1R43 GM46604-01A1	DURAN, LISE W	PHOTOCHEMICAL MODIFICATION OF HYBRIDIZATION MEMBRANES	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	

MINNEAPOLIS UNIVERSITY OF MINNESOTA TWIN CITIES 1R01 NS29691-01A1 1R01 HL49180-01 1R01 GM45928-01A1 1R03 HL47942-01 1R29 DE09860-01A1 1R03 DE10227-01 1R29 NS29567-01A1 1R01 HL49181-01 1R01 HL49182-01 1R01 CA56280-01 1R01 CA55747-01 1R01 HD27376-01A1	BIRNBAUM, GARY BROCKMAN, HOWARD L BROWN, RHODERICK E BUZZARD, I MARILYN HARGREAVES, KENNETH M KAJANDER, KEITH C KAJANDER, KEITH C PFEIFFER, DOUGLAS R PFEIFFER, DOUGLAS R RYCHNOVSKY, SCOTT D SELLERS, THOMAS A SERA, MARIA D	IMMUNE MECHANISMS IN MULTIPLE SCLEROSIS PHYSICO-CHEMICAL REGULATN OF ENZYMES IN LIPID METABOLISM GLYCOLIPID TRANSFER--REGULATION BY MEMBRANE INTERFACES COST ANALYSIS OF LOW FAT INTERVENTION DIETS ROLE OF PERIPHERAL CRF DURING INFLAMMATION AND PAIN INNERVATION OF THE MAXILLARY SINUS IN RATS EVALUATION OF AN EXPERIMENTAL MODEL OF NEUROPATHIC PAIN IONOPHORE CATALYZED CATION TRANSPORT PERMEABILITY REGULATION IN MITOCONDRIA STRUCTURE DETERMINATION AND SYNTHESIS OF MACROLACTIN A EPIDEMIOLOGIC AND GENETIC STUDIES OF BREAST CANCER DEVELOPING THOUGHT AND LANGUAGE--A CROSSLINGUISTIC STUDY	175,660 174,894 167,031 49,703 85,248 35,428 108,932 177,607 271,019 72,055 498,276 79,172
INSTITUTION TOTAL	12	1,895,025	

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	12	1,895,025	
MINNESOTA MOORHEAD STATE UNIVERSITY SYSTEM OF MINNESOTA--MOORHEAD STATE UNIVERSITY			
1R15 HL48349-01	MC LAREN, CHRISTINE E	SEQUENTIAL ANALYSIS OF HEMATOLOGIC MEASUREMENTS	105,754
INSTITUTION TOTAL			
	1	105,754	
CITY TOTAL			
	1	105,754	

ROCHESTER	MAYO FOUNDATION	STRUCTURE OF THE EXOCYTOTIC FUSION PORE IN MAST CELLS	164,171
	1R21 GM46688-01	PERFUSION OF ACTIVE MUSCLES: METABOLITES AND NERVES	11,184
	1R29 HL46493-01A1	DIRECT & PROTEIN REGULATION OF CARDIAC K CHANNELS	306,622
	1R01 HL47360-01	DIABETIC NEUROPATHY	214,718
	1R01 NS30534-01	CYTOSKELETAL REGULATION OF VESICLE TRANSPORT IN LIVER	95,398
	1R29 DK44650-01	PROTEASE SPECIFICITY IN THE CONTROL OF HEMOSTASIS	136,163
	1R29 DK42475-01A2	RENAL HEMODYNAMIC NON-MODULATION AND BLOOD PRESSURE	305,870
	1R01 HL47469-01	IN VITRO STUDIES OF SURAMIN NEUROTOXICITY	563,614
	1R01 HL46190-01A1		119,555
	1R01 NS29769-01A1		
INSTITUTION TOTAL			
	9	1,917,735	
CITY TOTAL			
	9	1,917,735	
STATE TOTAL			
	23	3,968,514	
MISSISSIPPI			
HATTIESBURG			
UNIVERSITY OF SOUTHERN MISSISSIPPI			
1R29 GM45828-01A1	SANTANGELO, GEORGE M	TRANSCRIPTIONAL ACTIVATION BY RAP AND GCR IN YEAST	97,608
INSTITUTION TOTAL			
	1	97,608	
CITY TOTAL			
	1	97,608	
STATE TOTAL			
	1	97,608	
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1R01 HD28967-01	ANTHONY, RUSSELL V	OVINE PLACENTAL LACTOGEN: ITS REGULATION AND FUNCTION	78,465

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RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1R29 DK43820-01A1 COLE, JUDITH A			PARATHYROID HORMONE--MECHANISMS OF ACTION IN KIDNEY
1R01 HL47812-01 PARKER, JANET L			CORONARY OCCLUSION--COLLATERAL ARTERY FUNCTION
1R29 HD27305-01A2 PETERSEN, SANDRA L			OVARIAN HORMONE REGULATION OF LHRH BIOSYNTHESIS
1R29 GM46836-01 TIPTON, PETER A			CATALYTIC ACTIVITIES OF TARTRATE DEHYDROGENASE
1R29 GM48595-01 TYAGI, SURESH C			REGULATORS OF HUMAN NEUTROPHIL PROTEASES
INSTITUTION TOTAL	6	621,359	
CITY TOTAL	6	621,359	
KANSAS CITY			
MIDWEST EAR INSTITUTE, INC.			4TH SYMPOSIUM OF COCHLEAR IMPLANTS IN CHILDREN
1R13 DC01359-01 LUETJE, CHARLES M			15,000
INSTITUTION TOTAL	1	15,000	
CITY TOTAL	1	15,000	
SAIN T LOUIS			
GOLD BIOTECHNOLOGY, INC.			ENZYMATIC RENATURATION OF RECOMBINANT PROTEINS
1R43 DK44787-01 GOLD, PAUL			50,000
INSTITUTION TOTAL	1	50,000	
JEWISH HOSPITAL OF ST. LOUIS			
1R29 HL47380-01 MILNER, PETER G			MECHANISMS OF ANGIOGENESIS IN THE FETUS AND NEWBORN
1R01 AG10145-01 MORRIS, JOHN C			ATTENTION, COGNITION AND DRIVING PERFORMANCE IN SDAT
1R01 DK44820-01 RATLIFF, TIMOTHY L			INTERSTITIAL CYSTITIS--CHARACTERIZATION OF A MOUSE MODEL
1R01 HL47328-01 SENIOR, ROBERT M			ROLE OF ELASTOLYTIC METALLOPROTEINASES IN EMPHYSEMA
INSTITUTION TOTAL	4	638,629	
ST. LOUIS UNIVERSITY			
1R01 HL43253-01A2 WEBSTER, ROBERT O			REGULATION OF NEUTROPHIL-MEDIATED INJURY BY PLATELETS
INSTITUTION TOTAL	1	156,921	
WASHINGTON UNIVERSITY			
1R21 DK45159-01 AUSLANDER, WENDY			MODIFYING DIETARY PATTERNS BY EMPOWERING BLACK WOMEN
1R03 TW00039-01 BERG, DOUGLAS E			GENETIC CONTROL OF NUCLEOSIDE UTILIZATION IN E. COLI
1R01 DK44235-01A1 CRYER, PHILIP E			HYPOGLYCEMIA-ASSOCIATED AUTONOMIC FAILURE IN IDDM
1R01 GM46963-01 GAUTAM, NARASIMHAN			MOLECULAR BIOLOGY OF THE G PROTEIN FAMILY

**NIH
RESEARCH GRANTS**

TITLE OF RESEARCH PROPOSAL

**DOLLARS
AWARDED**

GRANT NUMBER

PRINCIPAL INVESTIGATOR

DO

MISSOURI	SAINT LOUIS UNIVERSITY	GOLDBERG, GREGORY I	BIOLOGICAL ROLE OF THE 92KDA TYPE IV COLLAGENASE REGULATION OF SALMONELLA VIRULENCE BY THE PHOP PROTEIN	173,713
1R01 AR40618-01A2		GROISMAN, EDUARDO A	ROLE OF SECONDARY MESSENGERS IN HERPETIC REACTIVATION	173,404
1R01 AI29556-01A2		LEIB, DAVID A	PHOSPHOLIPASE-DEPENDENT SIGNALLING IN PHAGOCYTOSIS	207,848
1R01 EY09083-01A1		LENNARTZ, MICHELLE R	MEDIATORS OF INTESTINAL ISCHEMIA	104,877
1R29 GM45983-01A1		MANGINO, MARTIN J	PROLIFERATION OF TRANSGENIC HEPATOCYTES IN VIVO	106,285
1R29 GM44252-01A2		PONDER, KATHERINE P	CHANGES IN CEREBRAL MICROCIRCULATION IN DEVELOPMENT	74,815
1R29 DK44593-01		ROVAINEN, CARL M	X CHROMOSOME WORKSHOP	21,676
1R03 TW00053-01		SCHLESSINGER, DAVID	MOLECULAR DISSECTION OF <i>E. HISTOLYTICA</i> PATHOGENESIS	38,732
1R13 HG00602-01		STANLEY, SAMUEL L, JR		243,801
1R01 AI30084-01A2				
INSTITUTION TOTAL	13		1,569,981	
CITY TOTAL	19		2,415,531	
STATE TOTAL	26		3,051,890	
NEBRASKA				
LINCOLN				
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT LINCOLN				
1R01 AI31509-01A1 STANLEY-SAMUELSON, DAVID W			EICOSANOIDS MEDIATE INSECT IMMUNITY	111,712
INSTITUTION TOTAL	1			
CITY TOTAL	1			
OMAHA				
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT OMAHA				
1R15 HD29236-01 BROWN, JOSEPH S			INSTANCE DRIVE PRACTICE EFFECTS IN LD CHILDREN	111,335
INSTITUTION TOTAL	1			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER				
1R29 HL48126-01 GODFREY, MAURICE			FIBRILLIN PATHOLOGY IN THE MARFAN SYNDROMES	70,436
1R29 GM46665-01 KAWAHARA, RODNEY S			CONTROL OF MONOCYTE CHEMOTACTIC FACTOR EXPRESSION	85,979
INSTITUTION TOTAL	2			
CITY TOTAL	3		156,415	
STATE TOTAL	4		267,750	
NEVADA				
LAS VEGAS				
UNIVERSITY OF NEVADA SYSTEM--UNIVERSITY OF NEVADA LAS VEGAS				
1R29 CA58206-01 CARPER, STEPHEN W			REGULATION OF HYPERHERMIA INDUCED THERMOTOLERANCE	97,066

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RESEARCH GRANTS

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AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

INSTITUTION TOTAL 1 97,066
CITY TOTAL 1 97,066

NEVADA
RENO
SIERRA BIOMEDICAL RESEARCH CORPORATION
1R01 HL48378-01
ZANJANI, ESMAIL D
INSTITUTION TOTAL 1 97,719

UNIVERSITY OF NEVADA SYSTEM--UNIVERSITY OF NEVADA RENO
1P42 ES05961-01 BILLINGS, RUTH E
1R01 HL48183-01 GERTHOFFER, WILLIAM T
1R01 HL48503-01 ST JEOR, STEPHEN C
INSTITUTION TOTAL 3 924,207
CITY TOTAL 4 1,021,926
STATE TOTAL 5 1,118,992

NEW HAMPSHIRE
DURHAM
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE
1R15 HD28204-01A1 WALKER, CHARLES W
INSTITUTION TOTAL 1 110,194
CITY TOTAL 1 110,194
INSTITUTION TOTAL 1 110,194
CITY TOTAL 1 110,194

HANOVER
DARTMOUTH COLLEGE
1R01 CA50224-01A3 EASTMAN, ALAN
1R01 ES05860-01 FRIEDMAN, PETER A
INSTITUTION TOTAL 2 481,338
CITY TOTAL 2 481,338
STATE TOTAL 3 591,532

NEW JERSEY
NEW BRUNSWICK
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK
1P42 ES05955-01 LOWNDES, HERBERT E
INSTITUTION TOTAL 1 961,132
CITY TOTAL 1 961,132
STATE TOTAL 1 961,132

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY NEW BRUNSWICK RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK 1R01 GM47014-01 1R01 CA56673-01	MONTELLONE, GAETANO T YANG, CHUNG S	NEW NMR EXPERIMENTS FOR PROTEIN STRUCTURE DETERMINATION EFFECTS OF TEA ON CARCINOGENESIS	136,511 232,552
INSTITUTION TOTAL CITY TOTAL	3	1,330,195 1,330,195	
NEWARK CENTER FOR MOLECULAR MEDICINE AND IMMUNOLOGY 1R01 CA49995-01A3	BLUMENTHAL, ROSALYN D	REDUCTION OF RADIOANTIBODY-INDUCED NONTUMOR TOXICITY	208,714
INSTITUTION TOTAL	1	208,714	
IMMUNOMEDICS, INC. 1R43 CA54636-01A1	GRIFFITHS, GARY L	PRODUCTION OF ¹⁸⁸ Rb RE-LABELED MONOCLONAL ANTIBODIES	50,000
INSTITUTION TOTAL	1	50,000	
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY 1R01 HL47936-01 1R01 AI32875-01 1R01 CA52363-01A1 1R01 AI31165-01A1	DE FOON, DAVID O MANNINO, RAPHAEL J PESTKA, SIDNEY WILUSZ, JEFFREY	ENDOTHELIAL PERMEABILITY DURING NORMAL ANGIOGENESIS IMMUNOGENIC PEPTIDE-PHOSPHOLIPID CONJUGATES AGAINST HIV NOVEL METHOD TO PHOSPHORYLATE MONOCLONAL ANTIBODIES SPECIFIC RNA BINDING PROTEIN IN VIRAL mRNA METABOLISM	203,559 195,510 202,202 191,852
INSTITUTION TOTAL CITY TOTAL	4 6	793,123 1,051,837	
PISCATAWAY UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL 1R01 HL45520-01A1 1P20 CA57142-01 1R01 HL48642-01 1R01 GM47484-01	ENGLAND, SANDRA J GALLO, MICHAEL A KOSTIS, JOHN B REINBERG, DANNY F	CONTROL OF RESPIRATORY MUSCLES IN THE NEONATE CANCER CENTER PLANNING GRANT DIETARY INTERVENTION IN THE ELDERLY TRIAL INITIATOR DIRECTING INITIATION OF TRANSCRIPTION	162,614 202,500 481,853 206,783
INSTITUTION TOTAL CITY TOTAL	4 4	1,053,750 1,053,750	
PRINCETON PRINCETON UNIVERSITY 1R01 NS30697-01	HOEBEL, BARTLEY G	NEURAL BASIS OF FEEDING AND REINFORCEMENT	191,704
INSTITUTION TOTAL	1	191,704	

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	191,704	
NEW JERSEY SHREWSBURY OSTEOTECH, INC. 1R43 AR41276-01	PREWETT, ANNAMARIE B	PROCESSING OF XENOGRAFT FOR LIGAMENT REPLACEMENT	49,490
INSTITUTION TOTAL CITY TOTAL	1 1	49,490 49,490	
STATE TOTAL	15	3,676,976	
NEW MEXICO ALBUQUERQUE LOVELACE MEDICAL FOUNDATION 1R13 DE101333-01	MARTINEZ, J RICARDO	US/LATIN AMERICAN WORKSHOP IN SALIVARY RESEARCH	45,000
INSTITUTION TOTAL	1	45,000	
RHOMED, INC. 1R43 CA56208-01A1	ZAMORA, PAUL O	DIRECT RADIOMETAL LABELING FOR IMAGING AND THERAPY	50,000
INSTITUTION TOTAL	1	50,000	
TPL, INC. 1R43 CA56228-01	BROTMAN, RICHARD W	NEW HIGH Z--EXTREMELY FAST SCINTILLATOR FOR PET	50,000
INSTITUTION TOTAL	1	50,000	
UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1R01 HL45642-01A1 1R29 GM47374-01	LEWIS, SHARON L NELSON, MARY A	BLOOD DONATION--IMMUNE SEQUELAE AND RECRUITMENT MOLECULAR ANALYSIS OF SEXUAL DEVELOPMENT IN NEUROSPORA	208,127 94,029
INSTITUTION TOTAL CITY TOTAL	2 5	302,156 447,156	
LAS CRUCES NEW MEXICO STATE UNIVERSITY AT LAS CRUCES 1R01 NS30769-01 1R03 DC01469-01	LACKNER, ANDREW A SERRANO, ELBA E	NEUROPATHOGENESIS OF PEDIATRIC AIDS: A SIV MODEL DIVERSITY IN MEMBRANE PROPERTIES OF INNER EAR HAIR CELLS	262,157 31,617
INSTITUTION TOTAL CITY TOTAL	2 2	293,774 293,774	

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	7	740,930	
NEW YORK ALBANY STATE UNIVERSITY OF NEW YORK AT ALBANY 1R01 GM47474-01 1R29 NS30682-01	STEWART, CARO-BETH SZARO, BEN G	MOLECULAR BASIS FOR EVOLULATION OF FOREGUT FERMENTATION FUNCTIONAL ANALYSIS OF A NEURONAL CYTOSKELETAL PROTEIN	170,726 98,260
INSTITUTION TOTAL	2	268,986	
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV 1R13 AR41437-01 1R01 HL46350-01A1 1R01 AI32367-01	ESTES, JAMES E MALIK, ASRAR B MC SHARRY, JAMES J	ACTIN * CYTOKINES NEUTROPHILS AND LUNG VASCULAR INJURY FLOW CYTOMETRIC ANALYSIS OF PBMC AFTER HIV-CHEMOTHERAPY	10,000 239,725 246,320
INSTITUTION TOTAL	3	496,045	
CITY TOTAL	5	765,031	
AMHERST DINE SYSTEMS, INC. 1R01 HL48064-01	DENNISON, DARWIN	CAI WEIGHT MANAGEMENT FOR LOW LITERACY POPULATIONS	341,757
INSTITUTION TOTAL	1	341,757	
CITY TOTAL	1	341,757	
BINGHAMTON STATE UNIVERSITY OF NEW YORK AT BINGHAMTON 1R01 GM46465-01A1	STEVENS, EUGENE S	DETERMINING CARBOHYDRATE CONFORMATION FROM CD	97,357
INSTITUTION TOTAL	1	97,357	
CITY TOTAL	1	97,357	
BUFFALO ANALYSIS AND SIMULATION, INC. 1R43 CA56292-01	SCHIMKE, JOEL T	EXPERT SYSTEM FOR TUMOR REGISTRY	49,984
INSTITUTION TOTAL	1	49,984	
MEDICAL FOUNDATION OF BUFFALO, INC. 1P01 GM46733-01	HAUPTMAN, HERBERT A	NEW METHODS OF BIOMOLECULAR STRUCTURE DETERMINATION	967,952
INSTITUTION TOTAL	1	967,952	

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RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK BUFFALO NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE 1R01 CA47299-01A4 1R13 CA57420-01 1R01 GM45994-01A1	MANG, THOMAS S MIRAND, EDWIN A SUBJECK, JOHN R	PDT IN THE TREATMENT OF PANCREATIC CANCER BREAST CANCER EDUCATION SUMMIT HSP 110 AND ITS ROLE IN MAMMALIAN THERMOTOLERANCE	88,000 25,000 169,494
INSTITUTION TOTAL 3			282,494
STATE UNIVERSITY OF NEW YORK AT BUFFALO 1R01 DE09820-01A1 1R29 DC00957-01A2 1R01 GM46787-01 1R01 HL47346-01 1R01 DK43769-01A1	BOBEK, LIBUSE A CHARLES-LUCE, JAN KOSMAN, DANIEL J LAWRENCE, DAVID S PICKART, CECILE M	SALIVARY PROTEINS--MOLECULAR STUDY OF STRUCTURE-FUNCTION SEMANTIC AND PRAGMATIC EFFECTS ON SPEECH PRODUCTION COPPER METALLO-BIOCHEMISTRY IN SACCHAROMYCES CEREVISIAE SELF-ASSEMBLING ARTIFICIAL ENZYMES RETICULOCYTE-SPECIFIC UBIQUITINATING ENZYMES	117,038 119,487 164,071 154,271 183,947
INSTITUTION TOTAL 5 CITY TOTAL 10			738,814 2,039,244
COLD SPRING HARBOR COLD SPRING HARBOR LABORATORY 1R13 AG10500-01 1R01 AI31825-01A1 1R01 AI31802-01A1	GRODZICKER, TERRI I HERR, WINSHIP MATHEWS, MICHAEL B	CONFERENCE--MOLECULAR BIOLOGY OF AGING ANALYSIS OF HIV 1 LTR VARIANTS FROM INFECTED INDIVIDUALS REGULATION OF HIV 1 GENE EXPRESSION BY TAT AND TAR	24,525 203,158 215,065
INSTITUTION TOTAL 3 CITY TOTAL 3			442,748 442,748
GREENVALE MEDICAL SYSTEMS CORPORATION 1R4 NS30265-01	RANDOLPH, J KEMP	QUANTITATIVE 2D OXYGEN MAPPING IN TISSUE	49,964
INSTITUTION TOTAL 1 CITY TOTAL 1			49,964 49,964
HAUPPAUGE UNITED BIOMEDICAL, INC. 1R4 AI32273-01	WALFIELD, ALAN M	SYNTHETIC IGE VACCINE FOR THE TREATMENT OF ALLERGY	49,200
INSTITUTION TOTAL 1 CITY TOTAL 1			49,200 49,200

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK ITHACA CORNELL UNIVERSITY ITHACA 1R01 GM47458-01 1P62 ES05950-01 1R29 NS29674-01A1 1R01 GM46842-01 1R01 GM42416-01A2	CERIONE, RICHARD A GILLETT, JAMES W MOHAMMED, HUSSNI O TYE, BIK K WU, RAY	BIOCHEMICAL REGULATION OF THE RAS-LIKE PROTEIN, CDC42 CORNELL SUPERFUND BASIC RESEARCH PROGRAM EPIDEMIOLOGY OF AEMND--A POSSIBLE MODEL FOR ALS TELOMERE STRUCTURE AND FUNCTION MECHANISM OF HORMONE-DEPENDENT GENE REGULATION IN MICE	174,601 795,751 89,539 135,125 166,776
INSTITUTION TOTAL CITY TOTAL	5	1,361,792 1,361,792	
MANHASSET NORTH SHORE UNIVERSITY HOSPITAL 1R29 GM45919-01A1	CHANG, MING-DER	MECHANISM OF ANTIGEN PRESENTATION	105,552
INSTITUTION TOTAL CITY TOTAL	1	105,552 105,552	
NEW YORK BETH ISRAEL MEDICAL CENTER 1R01 DK43204-01A1 1R01 AI31612-01A1	COHEN, BERTRAM I HANDWERGER, SANDRA	NUTRITION COMPONENTS ALTER CHOLESTEROL METABOLISM GLYCOPEPTIDE RESISTANCE IN ENTEROCOCCUS	175,841 129,067
INSTITUTION TOTAL	2	304,908	
CITY UNIVERSITY OF NEW YORK--CITY COLLEGE OF NEW YORK 1R13 DE09937-01A1 1R01 HD27685-01A1	GRESIK, EDWARD W KIERSZENBAUM, ABRAHAM L	PHYSIOLOGIC ROLES FOR EGF, TGF-ALPHA AND THEIR RECEPTOR FUNCTION OF A GALACTOSE-BINDING RECEPTOR IN REPRODUCTION	10,000 123,562
INSTITUTION TOTAL	2	133,562	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1R29 HD26437-01A3 1R01 DK43842-01A1 1R01 ES05697-01 1R29 DK44936-01	CLARKE, WILLIAM P HEALY, DENNIS P LANDRIGAN, PHILIP J LEVIN, NANCY J	SEX STEROID ACTION ON SEROTONIN SYSTEMS IN BRAIN REGULATION OF RENAL DOPAMINE-2 RECEPTORS PROSPECTIVE NEUROEPIDEMIOLOGY OF ADULT LEAD EXPOSURE INHIBITION OF HYPOTHALAMIC CRF GENE BY GLUCOCORTICOIDS	92,917 101,856 395,430 108,788
INSTITUTION TOTAL	8	1,220,015	

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RESEARCH GRANTS

DOLLARS
AWARDED

PRINCIPAL INVESTIGATOR

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

NEW YORK

COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK

1R01 HL48345-01	BANK, ARTHUR	GENE THERAPY STRATEGIES FOR TREATMENT OF COOLEY'S ANEMIA
1R01 DK44843-01	BUTTYAN, RALPH E	GENETIC MANIPULATION OF THE MOUSE PROSTATE GLAND
1R29 HL47586-01	DIXON, JOSEPH L	REGULATION OF THE SECRETION OF APOB-LIPOPROTEINS
1R01 GM48241-01	FIELD, JEFFREY	RAS EFFECTOR COMPLEX OF S CEREVISTAE
1R01 HD28184-01A1	HOWARD, MARTHE J	REGULATION OF NEURAL CREST DEVELOPMENT BY GROWTH FACTORS
1R01 GM46999-01	KESSIN, RICHARD H	ISOLATION AND USES OF CGMP PHOSPHODIESTERASE CDNAS
1R29 NS30685-01	KRAMER, RICHARD H	DETECTION OF CYCLIC NUCLEOTIDES IN INTACT NEURONS
1R29 AI28953-01A3	LEE, GWO-SHU M	TRANSCRIPTIONAL OF THE HSP 70 LOCUS IN T. BRUCEI
1R01 NS29797-01A1	MACDERMOTT, AMY B	NON-NMDA RECEPTORS & Ca ²⁺ /Li ⁺ CHANNELS IN NEURONS
1R01 CA53772-01A2	PERERA, FREDERICA P	MOLECULAR EPIDEMIOLOGY OF LUNG CANCER
1R01 NS29809-01A1	SCHWARTZ, JAMES H	SIGNAL TRANSDUCTION BY INSULIN-LIKE PEPTIDES IN NEURONS
1R01 GM43935-01A1	STORK, GILBERT	TEMPORARY SILICON CONNECTION IN CARBOHYDRATE CHEMISTRY
INSTITUTION TOTAL	12	2,218,751

CORNELL UNIVERSITY MEDICAL CENTER

1R01 EY09534-01	DUVOISIN, ROBERT MICHAEL
1R01 HD27261-01A2	WARD, MARY J

INSTITUTION TOTAL

2

432,887

JUVENILE DIABETES FOUNDATION INTERNATIONAL

1R13 DK45071-01A1	LERNMARK, AKE
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INSTITUTION TOTAL

1

10,000

MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES

1R01 NR02239-01A3	DROPKIN, MARY J
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INSTITUTION TOTAL

1

154,278

MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH

1R13 CA57459-01	FAHEY, THOMAS J, JR
1R01 CA58178-01	JACOBSEN, PAUL B
1R01 AR41465-01	VIJAYASARADHI, SETALURI

INSTITUTION TOTAL

3

489,865

MONTEFIORE MEDICAL CENTER

1R01 CA56081-01	AUGENLICHT, LEONARD R
1R01 CA59272-01A1	OTTER, BRIAN A
1R01 DE09918-01A1	QUART, ARTHUR M

INSTITUTION TOTAL

3

574,291

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK ACADEMY OF SCIENCES 1R13 HD29032-01 1R13 NS30487-01	KEEN, CARL L PENN, AUDREY S	MATERNAL NUTRITION AND PREGNANCY OUTCOME VIIITH INTERNATIONAL CONFERENCE ON MYASTHENIA GRAVIS	14,000 14,000
INSTITUTION TOTAL	2	28,000	
NEW YORK STATE OFFICE OF MENTAL HEALTH--NEW YORK STATE PSYCHIATRIC INSTITUTE 1R01 NS29255-01A1	SCHWARTZ, JAMES H	PROTEIN KINASES--MOLECULAR ROLES IN PRODUCING BEHAVIOR	185,583
INSTITUTION TOTAL	1	185,583	
NEW YORK STATE OFFICE OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES--INST RES DEV 1R01 GM47278-01	CHAUHAN, VED P	ROLE OF POLYPHOSPHOINOSITIDES IN SIGNAL TRANSDUCTION	86,818
INSTITUTION TOTAL	1	86,818	
NEW YORK UNIVERSITY 1R29 AG10303-01 1R13 CA57421-01 1R01 AR40522-01A1 1R01 AR40908-01A1 1R01 GM47429-01 1R01 GM45973-01A1 1R01 AI31343-01A2 1R01 AI29682-01A3 1R01 CA56533-01	AMIN, ASHOK R BLUM, RONALD H BLUMENBERG, MIROSLAV CASALI, PAOLO COWIN, PAMELA KRIS, RICHARD M LEE-HUANG, SYLVIA PHILLIPS-QUAGLIATA, JULIA M SCHNEIDER, ROBERT J	CHARACTERIZATION OF MURINE AND HUMAN IgD-RECEPTORS ON T BREAST CANCER EDUCATION SUMMIT CONFERENCE REGULATION OF KERATINIZATION BY HORMONES AND VITAMINS PHYSIOLOGY AND PATHOLOGY OF THE B CELL REPERTOIRE ROLE OF DESMOCOLLINS IN CELLULAR ADHESION SIGNAL TRANSDUCTION BY NEUROPEPTIDE RECEPTORS RATIONAL DEVELOPMENT OF NOVEL ANTI-AIDS DRUGS IGA FC RECEPTORS TRANSCRIPTIONAL REGULATION BY HEPTITIS B VIRUS X PROTEIN	120,572 12,500 155,610 236,157 182,164 231,292 223,790 34,388 183,593
INSTITUTION TOTAL	9	1,380,066	
ROCKEFELLER UNIVERSITY 1R29 CA54215-01A1 1S03 RR03562-01 1R13 NS29952-01 1R01 GM47005-01	KRUeger, JAMES G MC EWEN, BRUCE S MILLER, ALAN D SIMON, SANFORD M	REGULATION OF EPITHELIAL HYPERPLASIA AND NEOPLASIA MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM NEW VISTAS ON MECHANISMS AND CONTROL OF EMESES PROTEIN-CONDUCTING CHANNELS IN THE ER MEMBRANE	110,867 35,000 10,000 198,671
INSTITUTION TOTAL	4	354,538	
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN 1R01 CA55739-01 1R01 AI31834-01A1 1R29 NS30144-01 1R01 HL46547-01A1	FEUERMAN, MIRIAM H MINKOFF, HOWARD L STELZER, ARMIN WONG, PETER M	ALPHA-FETOPROTEIN GENE REGULATION IN LIVER PATHOLOGY WOMEN'S AIDS COHORT STUDY INTRACELLULAR REGULATION OF GABA RECEPTORS CHARACTERIZATION OF A GENE STIMULATING STEM CELL RENEWAL	159,023 1,028,750 117,829 224,664
INSTITUTION TOTAL	4	1,530,266	

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RESEARCH GRANTS

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

NEW YORK	PRINCIPAL INVESTIGATOR		
YESHIVA UNIVERSITY	BARGIELLO, THADDEUS A	STRUCTURE-FUNCTION STUDIES OF GAP JUNCTIONS MODULATION OF ACUTE TOXIC LIVER INJURY	247,655
1R01 GM46889-01	CZAJA, MARK J	EXPRESSION CONTROL OF YEAST GLUCOAMYLASE GENES	188,245
1R01 DK44234-01A1	MARMUR, JULIUS	PRESCHOOL DEVELOPMENTAL DISABILITIES-DIAGNOSIS & OUTCOME	170,978
1R01 GM46581-01A1	RAPIN, ISABELLE	DNA REPLICATION INITIATION SITES IN MAMMALIAN CELLS	17,810
1R13 NS30513-01A1	SCHILDKRAUT, CARL L	NEW OPPORTUNISTIC INFECTIONS IN AIDS--MICROSPORIDIOSIS	293,410
1R01 GM45751-01A1	WITTNER, MURRAY		405,276
1R01 AI31788-01A1			
INSTITUTION TOTAL	6	1,323,374	
CITY TOTAL	61	10,427,202	
ORANGEBURG	NEW YORK STATE OFFICE OF MENTAL HEALTH--NATHAN S. KLINE INSTITUTE FOR PSYCHIATRIC RESEARCH	MULTIVARIATE ORDERED INFERENCE	96,959
1R29 CA54708-01A1			
INSTITUTION TOTAL	1	96,959	
CITY TOTAL	1	96,959	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1R29 DE09878-01A1	BURNE, ROBERT A	MOLECULAR GENETICS OF POLYSACCHARIDE DEGRADATION	102,081
1R01 CA52586-01A2	FENTON, BRUCE M	TUMOR OXYGENATION AND RADIATION RESPONSE	150,015
1R29 NS31233-01	GELBARD, HARRIS A	DOPAMINE RECEPTOR SYSTEMS AFTER EARLY BRAIN INJURY	91,514
1R03 CA56384-01	MC DONALD, SANDRA	EARLY DETECTION OF RADIATION-INDUCED PULMONARY TOXICITY	38,471
1S10 RR07266-01	MELVIN, JAMES E	ANCHORED CELL ANALYSIS AND SORTING CYTOMETER	351,000
1R01 CA54768-01A1	RUDDELL, MARGARET A	REGULATION OF ALV EXPRESSION AND PATHOGENESIS	132,817
1R01 DK43739-01A1	SMITH, HAROLD C	METABOLIC REGULATION OF APO B mRNA EDITING	180,551
1R01 HL46367-01A1	TABER, LARRY A	VENTRICULAR MECHANICS IN THE DEVELOPING EMBRYONIC HEART	226,126
INSTITUTION TOTAL	8	1,272,575	
CITY TOTAL	8	1,272,575	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1R01 AI31561-01A1	COYLE, PATRICIA K	CHRONIC FATIGUE IN LYME DISEASE	242,994
1R29 NS29806-01A1	MARRION, NEIL V	MECHANISMS OF M-CHANNEL MODULATION	101,026
1R01 GM44836-01A1	PRESTWICH, GLENN D	SQUALENE EPoxidase AND OXIDOSQUALENE CYCLASE FROM LIVER	179,159
1R01 NS29632-01A1	PRESTWICH, GLENN D	AFFINITY LABELS FOR INOSITOL POLYPHOSPHATE RECEPTORS	131,890
1R01 CA55852-01	QUIGLEY, JAMES P	MATRIX METALLOPROTEASES IN AVIAN AND HUMAN TUMOR CELLS	177,205
1R29 AI32430-01	SPITZER, ERIC D	VIRULENCE AND GENETIC VARIATION IN C NEOFORMANS	97,514

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RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK 1R01 HD28681-01 1R01 GM41081-01A5	STRICKLAND, SIDNEY W ZIEVE, GARY W	TARGETED DISRUPTION OF MAMMALIAN GENES AND MRNAs IN VIVO ASSEMBLY OF THE SNRNP CORE AND U4/U6 PARTICLE IN VIVO	177,653 132,535
INSTITUTION TOTAL CITY TOTAL	8 8	1,239,976 1,239,976	
SYRACUSE STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT SYRACUSE 1R01 HL46148-01A1 1R01 DK43796-01A1	DAVIDENKO, JORGE M MEGUID, MICHAEL M	SPIRAL WAVES IN ISOLATED VENTRICULAR MYOCARDIUM RAT MODEL FOR POSTOPERATIVE NUTRITION RESEARCH	122,805 156,591
INSTITUTION TOTAL CITY TOTAL	2 2	279,396 279,396	
UNIONDALE ONCOGENE SCIENCE, INC. 1R43 HL47976-01 1R43 HL47944-01	CASE, CASEY C STEWART, ALEXANDER	INHIBITION OF MCP-1 GENE EXPRESSION AND ATHEROGENESIS INHIBITION OF IL-1 DEPENDENT KINASE AND ATHEROGENESIS	46,059 30,559
INSTITUTION TOTAL CITY TOTAL	2 2	76,618 76,618	
VALHALLA NEW YORK MEDICAL COLLEGE 1R01 CA55886-01 1R29 HL44893-01A2 1R01 CA51823-01A2	CHIAO, JEN W LEREIA, KENNETH M SKLAREW, ROBERT J	DIFFERENTIATION DEFICIENCIES IN LEUKEMIA-FACTOR & CELL ROLE OF PROTEIN PHOSPHATASES IN BLOOD PLATELET FUNCTION BREAST CANCER RECEPTOR PATTERNS, PLOIDY AND KINETICS	206,545 107,597 180,548
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	3 3 113	494,690 494,690 19,140,061	
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 1R01 NS30686-01 1R13 AI31995-01	FAVOROV, OLEG V FRELINGER, JEFFREY A	MODULAR ORGANIZATION OF STIMULUS-EVOKED ACTIVITY IN SI EIGHTH INTERNATIONAL H-2/HLA WORKSHOP	80,864 2,500

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	HAUGHTON, GEOFFREY LAI, ERIC H MILES, MARGARET S ROBERTS, HAROLD R SHEPS, DAVID S STAFFORD, DARREL W	IMMUNOBIOLOGY OF LY1 B CELLS EXTRACHROMOSOMAL ELEMENTS IN HUMAN CELLS PARENTAL ROLE ATTACHMENT WITH MEDICALLY FRAGILE INFANTS CELL MEDIATED HEMOSTASIS EXERCISE AND PSYCHOLOGICAL STRESS INDUCED ISCHEMIA STRUCTURE AND FUNCTION OF GAMMA-GLUTAMYL CARBOXYLASE	207,991 89,590 200,794 232,540 184,223 290,504
INSTITUTION TOTAL CITY TOTAL	8	1,289,006	
DURHAM DUKE UNIVERSITY	BALBER, ANDREW E BERCHUCK, ANDREW FRANK, MICHAEL M KAUER, JULIE A LAURIE, CATHY C RIMER, BARBARA K ROSSE, WENDELL F SCHWARTZ, ROCHELLE D SURWIT, RICHARD S	GLYCOPROTEINS OF A TRYPANOSOME MEMBRANE DOMAIN GROWTH REGULATION & TRANSFORMATION OF OVARIAN EPITHELIUM CENTER FOR DEVELOPMENTAL IMMUNOLOGY AND HOST DEFENSE NEUROMODULATION OF HIPPOCAMPAL INHIBITORY INTERNEURONS GENETICS AND EVOLUTION OF GENITALIA IN DROSOPHILA N.C. BREAST CANCER SUMMIT STRUCTURE-FUNCTION RELATIONSHIPS OF PROTECTIN(CD59) TRANSIENT GLOBAL ISCHEMIA & INHIBITORY NEUROTRANSMISSION ANS DYSFUNCTION AND RISK FOR TYPE 2 DIABETES IN BLACKS	100,246 106,400 286,555 76,856 194,606 24,187 183,557 180,306 29,616
INSTITUTION TOTAL CITY TOTAL	9	1,182,329	
ENZYME TECHNOLOGY RESEARCH GROUP, INC. IR43 GM47195-01 IR43 HD28884-01	DAY, JOHN P O'DALY, JOHN P	IMMOBILIZED OXIDO-REDUCTASE ENZYMES IN ORGANIC SYNTHESIS ELECTRO-IMMUNONSENSOR FOR REGULATING/ACHIEVING FERTILITY	50,000 50,000
INSTITUTION TOTAL CITY TOTAL	2 11	100,000 1,282,329	
RALEIGH INDIVIDUAL AWARD--KONNEKER, LLOYD K. IR43 AG10761-01	KONNEKER, LLOYD K	ASSESSING PEOPLE TRACKING FOR ELDERLY HEALTH CARE	5,900
INSTITUTION TOTAL	1	5,900	
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH IR29 GM47431-01 IR29 AI31250-01A1	HARDIN, CHARLES C SHERRY, BARBARA	STRUCTURAL & IMMUNOCHEMICAL ANALYSIS OF QUADRUPLEX DNS MOLECULAR PATHOGENESIS OF MYOCARDITIC REOVIRUSES	79,933 91,293
INSTITUTION TOTAL	2	171,226	
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	CITY TOTAL	DOLLARS AWARDED
NORTH CAROLINA WINSTON-SALEM ELCATECH, INC. 1R43 HL48092-01	TRISCOTT, MARK X	3	177,126
INSTITUTION TOTAL		1	50,000
WAKE FOREST UNIVERSITY 1R01 CA56349-01 1R01 HL46805-01	COOPER, M ROBERT PARKS, JOHN S		348,514 99,985
INSTITUTION TOTAL		2	448,499
CITY TOTAL		3	498,499
STATE TOTAL		25	3,246,960
OHIO CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER 1R29 DK45243-01	GREENBERG, JAMES M		83,914
INSTITUTION TOTAL		1	83,914
UNIVERSITY OF CINCINNATI AT CINCINNATI 1R01 GM48676-01 1R01 AI32436-01 1R01 DE09967-01A1 1R01 DK44201-01A1 1R01 DK44895-01 1P01 HD27971-01A1 1R01 HL47860-01	BLUMENTHAL, KENNETH M CUSHTON, MELANIE T GERMAN, REBECCA Z HASSELgren, PER-OLOF J HORSEMAN, NELSON D MYATT, LESLIE MYATT, LESLIE		STRUCTURE AND ACTION OF AN AXONAL POLYPEPTIDE TOXIN DEVELOPMENT OF AN AXENIC CULTURE FOR PNEUMOCYSTIS ONTOGENY OF FEEDING IN A PRETERM ANIMAL MODEL INTESTINAL PROTEIN METABOLISM IN SEPSIS PROLACTIN--TRANSCRIPTION FACTOR REGULATION CELL BIOLOGY OF MYOMETRIUM IN TERM AND PRETERM LABOR ENDOTHELIN AND NITRIC OXIDE IN THE PLACENTAL VASCULATURE
INSTITUTION TOTAL		7	1,439,529
CITY TOTAL		8	1,523,443
CLEVELAND CASE WESTERN RESERVE UNIVERSITY 1R01 HL42400-01A3 1R01 AI31230-01A1 1R01 CA56869-01	DICK, THOMAS E EMANCIPATOR, STEVEN N FIELDS, ALAN P		PARABRACHIAL NUCLEI--ROLE IN RESPIRATORY SYSTEM DEFENSE ENZYMOLOGY OF IMMUNE COMPLEXES IN VIVO PROTEIN KINASE C ISOTYPES IN LEUKEMIA CELL GROWTH
			157,980 148,939 134,532

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RESEARCH GRANTS

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TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

PRINCIPAL INVESTIGATOR

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CLEVELAND	CASE WESTERN RESERVE UNIVERSITY	DEGENERATION AND REPAIR OF CARTILAGE HOME HEALTH CARE AND ELTERS--INTERNATIONAL PERSPECTIVES	973,229
	1P01 AR40990-01	GOLDBERG, VICTOR M IKELS, CHARLOTTE	35,000
	1R13 AG09935-01A1	PANUSKA, JAMES R PRABHAKAR, NANDURI R	93,549
	1R29 HL46396-01A1	SANDERS, CHARLES R SCHIMENTI, JOHN C TEMPLETON, DENNIS J	115,310
	1R01 HL45780-01A1		96,016
	1R29 GM47485-01		141,398
	1R01 GM45415-01A1		180,635
	1R01 CA55719-01	GENE CONVERSION IN MICE MALIGNANT GROWTH INHIBITION BY THE RETINOBLASTOMA GENE	
INSTITUTION TOTAL	10	2,076,588	
CLEVELAND CLINIC FOUNDATION	BANNERJEE, AMIYA K FINKE, JAMES H HOWE, PHILIP H STACEY, DENNIS W	HOST VIRUS INTERACTION AND GENE EXPRESSION T CELL UNRESPONSIVENESS IN HUMAN TUMORS CELL CYCLE REGULATION OF EPITHELIAL CELL GROWTH CHARACTERIZATION OF FACTORS CRITICAL FOR RAS ACTIVITY	224,853
1R01 AI32027-01			144,909
1R01 CA56937-01			88,795
1R29 CA55536-01			255,762
1R01 CA53496-01A1			
INSTITUTION TOTAL	4	714,319	
CITY TOTAL	14	2,790,907	
COLUMBUS	OHIO STATE UNIVERSITY	ADENOSINE RECEPTORS IN THE DIGESTIVE TRACT ELASTASE TARGETED ATTACK ON INVASIVE ASPERGILLIOSIS CALCIUM THIOL REDOX INTERACTION IN KAPOSI'S CELL CYCLE RING FRAGMENTATION ROUTES TO BIOACTIVE NATURAL PRODUCTS REDUCING CVD RISK FACTORS IN AFRICAN AMERICAN CHILDREN COMPACT DOMAINS IN PROTEINS	104,852
1R29 DK44179-01A1	CHRISTOFI, FEDIAS L KOLATTUKUDY, P E MALLERY, SUSAN R RAWAL, VIRESH H SMITH, BARBARA A ZEHFUS, MICHEAL H		189,743
1R01 AI30629-01A2			166,004
1R01 HL48547-01			106,586
1R01 GM45624-01A1			90,431
1R29 NR02939-01			122,818
1R29 GM46664-01			
INSTITUTION TOTAL	6	781,034	
CITY TOTAL	6	781,034	
KENT	KENT STATE UNIVERSITY AT KENT SAMPSON, PAUL	TAXOL ANALOGUE SYNTHESIS--A TRANSANNULAR APPROACH	96,076
1R15 CA56933-01	1		
INSTITUTION TOTAL	1	96,076	
CITY TOTAL	1	96,076	
STATE TOTAL	29	5,191,460	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OKLAHOMA OKLAHOMA CITY OKLAHOMA MEDICAL RESEARCH FOUNDATION 1R01 AI31798-01A2	TANG, JORDAN	NEW PROTEIN GENES FOR AIDS THERAPY	196,470
INSTITUTION TOTAL CITY TOTAL	1 1	196,470	196,470
STATE TOTAL	1	196,470	
OREGON BEAVERTON OREGON GRADUATE INSTITUTE OF SCIENCE AND TECHNOLOGY 1R29 GM47498-01	SACHS, MATTHEW S	CONTROL OF ARG-2 GENE EXPRESSION IN NEUROSPORA	122,616
INSTITUTION TOTAL CITY TOTAL	1 1	122,616	122,616
BEND BEND RESEARCH, INC. 1R43 CA57099-01 1R43 DK44048-01A1	MUCHMORE, DAVID C WEST, JAMES B	NOVEL ENZYMATIC APPROACH TO SEMI-SYNTHESIS OF TAXOL ENZYMATIC SYNTHESIS OF SPECIFIC DIPEPTIDES FOR NUTRITION	49,700 49,997
INSTITUTION TOTAL CITY TOTAL	2 2	99,697	99,697
EUGENE MOLECULAR PROBES, INC. 1R43 AI32831-01	BRINKLEY, JOHN M	DEVELOPMENT OF NEW LATEX-BASED FLUORESCENT REAGENTS	50,000
INSTITUTION TOTAL 1R43 CA56240-01	1	50,000	
OREGON CENTER FOR APPLIED SCIENCE 1R13 AG10105-01	NOELL, JOHN WOULLACOTT, MARJORIE H	INTERACTIVE VIDEODISC SMOKING CESSION INTERVENTION	49,800
INSTITUTION TOTAL 1	1	49,800	
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON 1R13 AG10105-01	WOULLACOTT, MARJORIE H	INTERNATIONAL SYMPOSIUM OF POSTURE AND GAIT	36,350
INSTITUTION TOTAL CITY TOTAL	1 3	36,350	136,150

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RESEARCH GRANTS**

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

OREGON			
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY	BINDER, NANCY D	RENIN-ANGIOTENSIN SYSTEM AND UTERINE BLOOD FLOW	94,093
1R29 HL44941-01A1	DAVIS, LOWELL E	WATER COMPARTMENTALIZATION IN FETAL ANEMIA	83,102
1R29 HL45043-01A1	FABER, J. JOB	EXPERIMENTAL POLYHYDRAMNIOIS	144,411
1R01 HD28965-01	MAYLIE, JAMES G	PLASTICITY OF ION CHANNELS IN FETAL CARDIAC HYPERTROPHY	194,356
1R01 HL482886-01	OSBORNE, MOLLY L	PREDICTORS OF HOSPITAL-BASED CARE IN ASTHMA	130,594
1R29 HL48237-01	SO, MAGDALENE H	ENDOTHELIAL CELL ADHESINS OF N. MENINGITIDIS	235,929
1R01 AI32493-01	THOMAS, GARY	ROLE OF HUMAN FURIN PROCESSING ENDOPROTEASE	127,148
1R01 DK44629-01			
INSTITUTION TOTAL	7	1,009,633	
CITY TOTAL	7	1,009,633	
STATE TOTAL	13	1,368,096	
 PENNSYLVANIA			
BALA-CYNWYD			
INSTITUTE FOR COGNITIVE PROSTHETICS		COMPUTER BASED COGNITIVE PROSTHESIS FOR BRAIN INJURY	50,000
1R43 NS28978-01A1	COLE, ELLIOT		
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
 DANVILLE			
GEISINGER FOUNDATION--WEIS CENTER FOR RESEARCH OF THE GEISINGER CLINIC			
1R01 HL47638-01	ROTHBLUM, LAWRENCE I	REGULATION OF RNA SYNTHESIS DURING CARDIAC HYPERTROPHY	215,220
INSTITUTION TOTAL	1	215,220	
CITY TOTAL	1	215,220	
 HERSHEY			
PENNSYLVANIA STATE UNIVERSITY	MILTON S. HERSHEY MEDICAL CENTER		
1R01 CA54816-01A1	MULDER, KATHLEEN M.	MEDIATORS OF GROWTH FACTOR INDEPENDENCE IN COLON CANCER	132,136
1R29 NS29704-01A1	PALMER, CHARLES	PREVENTION OF PERINATAL HYPOXIC-ISCHEMIC BRAIN DAMAGE	89,057
INSTITUTION TOTAL	2	221,193	
CITY TOTAL	2	221,193	
 LEECHBURG			
WILHELMY FINE PARTICLES		NEW HPLC SUPPORTS FOR BIOCHEMICAL PURIFICATIONS	47,625
1R43 GM45655-01	WILHELMY, RICHARD B		
INSTITUTION TOTAL	1		

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	47,625	
PENNSYLVANIA PHILADELPHIA ALBERT EINSTEIN MEDICAL CENTER 1503 RR03563-01	WAXMAN, HERBERT S	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM	10,000
INSTITUTION TOTAL	1	10,000	
CHILDREN'S HOSPITAL OF PHILADELPHIA 1R01 DK44687-01 1R01 A132234-01 1R01 HD29926-01 1R29 HD28732-01 1P30 HD28815-01 1R01 AI31368-01A1	ALTSCHULER, STEVEN M BEVINS, CHARLES L MILLER, SHELDON L MUENIKE, MAXIMILIAN SCHWARTZ, ELIAS STARR, STUART E	SWALLOWING & ESOPHAGEAL PERISTALIS--BRAINSTEM CIRCUITRY TAP--A NOVEL ANTIMICROBIAL PEPTIDE FROM THE TRACHEA N-ACETYLASPARTATE AND MYELIN METABOLISM MOLECULAR STUDIES IN PATIENTS WITH HOLOPROSENCEPHALY MOLECULAR APPROACHES TO PEDIATRIC SCIENCE - CHRC HIV INFECTION OF DENDRITIC CELLS	162,112 220,620 172,912 32,307 294,800 205,791
INSTITUTION TOTAL	6	1,088,542	
DREXEL UNIVERSITY 1R01 AI31821-01A1	DINTER-GOTTLIEB, G	DESIGNING A NEW RIBOZYME AGAINST HIV 1	164,689
INSTITUTION TOTAL	1	164,689	
ENERJECT CORPORATION 1R43 GM47204-01	RUBIN, BENJAMIN A	DEVELOPMENT OF A NOVEL MEDICAL JET INJECTION SYSTEM	43,140
INSTITUTION TOTAL	1	43,140	
FOX CHASE CANCER CENTER 1R01 CA54339-01A1 1R29 CA54173-01A1 1R13 CA57413-01	BROWN, TRUMAN R MC GLYNN, KATHERINE YOUNG, ROBERT C	DEVELOPMENT OF CHEMICAL SHIFT IMAGING TECHNIQUES EPIDEMIOLOGY OF BODY IRON STORES & COLONIC POLYPS DELAWARE VALLEY BREAST CANCER EDUCATION SUMMIT	487,926 107,490 25,000
INSTITUTION TOTAL	3	620,416	
HAHNEMANN UNIVERSITY 1R01 GM41625-01A3 1R29 DK44190-01A1	SYLVESTER, JAMES E YASSIN, RIHAB R	HUMAN RNA GENES AND THE NUCLEOLUS GASTRIN'S TROPHIC EFFECT IN THE COLON	149,167 104,171
INSTITUTION TOTAL	2	253,338	
MEDICAL COLLEGE OF PENNSYLVANIA 1R29 AG10160-01	BALIN, BRIAN J	NEURONAL CYTOSKELETON IN AGING AND ALZHEIMER'S DISEASE	125,633

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA COLLEGE OF PENNSYLVANIA 1R01 AI32433-01 1R29 NS30577-01	EDLIND, THOMAS D NICHOLS, ROBERT A	P CARINII MICROTUBULES--GENETICS & BENZIMIDAZOLE TARGET ROLE OF PROTEIN DEPHOSPHORYLATION IN NEUROSECRETION	191,878 91,371
INSTITUTION TOTAL	3	408,882	
TEMPLE UNIVERSITY 1R01 HL46341-01A1 1R01 HL47456-01 1R13 GM47262-01 1R01 AI32140-01	COLMAN, ROBERT W NIEWIAROWSKI, STEFAN PIGGOT, PATRICK J YAMAMOTO, NOBUTO	STRUCTURE & FUNCTION OF PLATELET CAMP PHOSPHODIESTERASE STRUCTURE & FUNCTION OF PLATELET SECRETED PROTEINS ELEVENTH INTERNATIONAL SPORES CONFERENCE ACTIVATION OF MACROPHAGES BY VITAMIN D-BINDING PROTEIN	250,360 232,204 162,000 163,650
INSTITUTION TOTAL	4	648,214	
THOMAS JEFFERSON UNIVERSITY 1R01 CA52715-01A2 1R03 DE10239-01	ILIAKIS, GEORGE PISANO, M MICHELE	MOLECULAR MECHANISMS OF HEAT-INDUCED RADIOSENSITIZATION MOLECULAR ANALYSIS OF ETHANOL-INDUCED OROFACIAL DEFECTS	185,972 40,599
INSTITUTION TOTAL	2	226,571	
UNIVERSITY OF PENNSYLVANIA 1R01 CA54788-01A1 1R01 DK43700-01A1 1R01 HL47815-01 1R01 AI32748-01 1R01 DE10149-01 1R21 DK45143-01	CHAKRABORTY, DEV P DALY, JOHN M FORSTER, ROBERT E, II GAULTON, GLEN N GIBSON, CAROLYN W GREY, MARGARET HOFFMAN-LIEBERMANN, BARBARA LEE, WILLIAM M LOEB, ALEX L MUSCHEL, RUTH J PENNING, TREVOR M PRESTON, SAMUEL H SAWEY, MARY J SHAPIRO, BERNARD H UDUPA, JAYARAM K ZIYADEH, FUAD N	DIAGNOSTIC TASK SIMULATION WITH MULTI-ELEMENT PHANTOMS MACROPHAGE FUNCTION IN PROTEIN-CALORIE MALNUTRITION CO2 TRANSPORT AND REACTIONS IN MITOCHONDRIA AND MUSCLE EFFECTS OF HIV ON T CELL FUNCTION REGULATION OF EXPRESSION OF THE AMELOGENIN GENES COPING SKILLS TRAINING FOR MINORITY DIABETIC YOUTH GENE DISSECTION OF MYELOID DIFFERENTIATION & LEUKEMIAS POST-TRANSCRIPTIONAL REGULATION OF C-MYC mRNA ANESTHETICS & ENDOTHELIAL-DEPENDENT CIRCULATORY CONTROL CELL CYCLE CONTROL AFTER IRRADIATION 3-A HYDROXYSTEROID-DIHYDRODIOL DEHYDROGENASE REGULATION AFRICAN-AMERICAN MORTALITY, 1930-1990 PROGRESSION OF RADIATION SKIN CARCINOGENESIS ENDOGENOUS REGULATORS OF DRUG METABOLISM VOLUME RENDERING AND MANIPULATION IN TOMOGRAPHIC IMAGING TUBULOINTERSTITIAL KIDNEY CELLS & RESPONSE TO GLUCOSE	262,617 156,219 284,834 193,399 174,323 38,780 216,710 198,325 172,253 204,247 161,383 317,806 108,540 276,580 195,279 170,491
INSTITUTION TOTAL	16	3,131,783	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 1R01 HL47670-01 1R01 GM47421-01	BUCK, CLAYTON A HONE, CHIN C	ROLE OF INTEGRINS IN MAMMALIAN HEART DEVELOPMENT DNA METHYLATION AND DEVELOPMENT	224,990 254,312
INSTITUTION TOTAL	2	479,302	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

CITY TOTAL 41 7,074,877

PENNSYLVANIA
PITTSBURGH
CARNEGIE-MELLON UNIVERSITY
1R01 GM46749-01 WHITTAKER, JAMES W ACTIVE SITES OF FREE RADICAL METALLOENZYMES 171,998

INSTITUTION TOTAL 1 171,998

CHILDREN'S HOSPITAL OF PITTSBURGH
1P01 DC01260-01A1 DOYLE, WILLIAM J
1R01 HD26477-01A3 LEE, PETER A
1P30 HD28836-01 SPERLING, MARK A
1R01 CA54338-01A1 TRUCCO, MASSIMO BASIC AND CLINICAL STUDIES IN OTITIS MEDIA
EPIDEMIOLOGY OF MALE INFERTILITY--CRYPTORCHIDISM
MOLECULAR MECHANISMS AND TREATMENT OF CHILDHOOD DISEASE
SIGNAL TRANSDUCTION MOLECULES ON MOUSE NK CELLS 745,929
153,428
298,829
146,375

INSTITUTION TOTAL 4 1,344,561

EYE AND EAR INSTITUTE OF PITTSBURGH
1R29 CA53486-01A1 SNYDERMAN, CARL H ROLE OF PROSTAGLANDINS IN HEAD AND NECK CANCER 104,486

INSTITUTION TOTAL 1 104,486

UNIVERSITY OF PITTSBURGH AT PITTSBURGH
1R29 NS29951-01A2 ABRAMSON, STEWART N STRUCTURE AND PHARMACOLOGY OF CHOLINERGIC PROTEINS
1R29 CA54294-01A1 BASU, ALAKANANDA CELLULAR SIGNALLING AND ANTICANCER AGENTS 106,522
1R01 EY09642-01 COOPER, DAVID L 98,687
1R01 AI30612-01A2 DE LUCA, NEAL A 143,783
1R29 HL46207-01A1 DEL NIÑO, PEDRO J 192,050
1R01 HL46167-01A1 KULLER, LEWIS H STUNNED HEART AND CARDIAC SURGERY--CA²⁺ & ENERGETICS 100,037
1R29 AI32226-01 MIETZNER, TIMOTHY A CLINICAL TRIAL--CARDIOVASCULAR RISK FACTORS AND MENOPAUSE 542,389
1R01 HL46328-01A1 MULDOON, MATTHEW F MOLECULAR BASIS OF IRON-ACQUISITION BY N. GONORRHOEAE 95,788
1R29 AI32719-01 NORRIS, KAREN A EFFECTS OF CHOLESTEROL REDUCTION ON BEHAVIOR 327,100
1R03 DC01620-01 PARLOUR, SUSAN F COMPLEMENT REGULATION IN TRYPANOSOMA CRUZI 96,387
1R29 CA53560-01A2 ROWE, DAVID T FAMILIAL RISK FOR SPEECH DISORDERS--AN ADOPTION STUDY 31,880
1R01 HL48347-01 SAMULSKI, R. JUDE EBV INTERNAL REPEAT TRANSCRIPTION UNIT IN LATENCY 98,079
1R01 GM46828-01 WANG, BI-CHENG AAV--A NOVEL VECTOR FOR GLOBIN GENE THERAPY 171,034
1R01 DK44474-01 WOLFSON, SIDNEY K, JR STRUCTURE-FUNCTION OF NEUROPHYSIN-HORMONE SYSTEMS 78,914
INSTITUTION TOTAL 14 2,185,846
CITY TOTAL 20 3,806,891 ELECTROCHEMICAL DIALYSATE REGENERATION 103,196

UNIVERSITY PARK
COGENICS, INC.
1R43 ES05882-01 COETZEE, WILLEM F IMMUNOLOGIC ASSAY FOR CARCINOGEN SCREENING TEST 49,500
INSTITUTION TOTAL 1 49,500

PAGE 500

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR		
PENNSYLVANIA PARK UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK 1R01 HG00573-01 1R01 DK44366-01A1 1R01 ES05661-01A1 1R03 DE10214-01	PROCTOR, ROBERT N REDDY, CHANNA C TU, CHEN-PEI D WEISS, KENNETH M	CANCER AND THE HUMAN GENOME: ETHICAL IMPLICATIONS DIHOMO-Y-LINOLENIC ACID METABOLITES LIPOXYGENASE PATHWAY CHIMERIC AND MUTANT GLUTATHIONE S-TRANSFERASES DEVELOPMENTAL MORPHOGENETICS OF THE MOUSE DENTITION	149,197 166,570 107,119 49,016
INSTITUTION TOTAL CITY TOTAL	4 5	471,902 521,402	
STATE TOTAL	71	11,937,208	
RHODE ISLAND KINGSTON	GORDON RESEARCH CONFERENCES 1R13 DK44884-01 1R13 GM47261-01 1R13 HL48053-01 1R13 AR40841-01	BEN-JONATHAN, NIRA HAZEL BAUER, GERALD L JONES, LARRY R STEFANI, ENRICO	GORDON CONFERENCE ON PROLACTIN GORDON CONFERENCE--SENSORY TRANSDUCTION GORDON CONFERENCE ON CARDIAC REGULATORY MECHANISMS GORDON CONFERENCE ON MUSCLE--E-C COUPLING
INSTITUTION TOTAL CITY TOTAL	4 4	44,500 44,500	
PAWTUCKET MEMORIAL HOSPITAL OF RHODE ISLAND 1R13 HL48348-01	ANAGNOSTOU, ATHANASIU	21ST ANNUAL MEETING OF THE INT SOC OF EXP HEMATOLOGY	17,000
INSTITUTION TOTAL CITY TOTAL	1 1	17,000 17,000	
PROVIDENCE BROWN UNIVERSITY 1R01 CA55726-01 1R01 CA55892-01	BIRON, CHRISTINE A BRAUN, LUNDY A	CONTROL OF NK & T CELLS BY TGF DURING VIRAL INFECTION GROWTH REGULATION IN CERVICAL NEOPLASIA	168,952 176,073
INSTITUTION TOTAL CITY TOTAL	2 2	345,025 345,025	
STATE TOTAL	7	406,525	

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA 1P20 CA57143-01	FISCHINGER, PETER J	DEVELOPING A REGIONAL CANCER CENTER IN SOUTH CAROLINA	211,672
INSTITUTION TOTAL CITY TOTAL	1 1	211,672 211,672	
COLUMBIA UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA 1R29 DE10196-01	SAUER, GLENN R	METAL METABOLISM IN CALCIFYING CELLS	113,498
INSTITUTION TOTAL CITY TOTAL	1 1	113,498 113,498	
STATE TOTAL	2	325,170	
SOUTH DAKOTA BROOKINGS SOUTH DAKOTA STATE UNIVERSITY 1R15 CA56918-01	SMAR, MICHAEL W	COLLAGENASE IV INHIBITORS--POTENTIAL ANTIMETASTATIC DRUGS	105,000
INSTITUTION TOTAL CITY TOTAL	1 1	105,000 105,000	
STATE TOTAL	1	105,000	
TENNESSEE KNOXVILLE UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE 1R01 GM45725-01	OLINS, DONALD E	DEVELOPMENT OF ELECTRON MICROSCOPE TOMOGRAPHY	143,268
INSTITUTION TOTAL CITY TOTAL	1 1	143,268 143,268	
MEMPHIS ST. JUDE CHILDREN'S RESEARCH HOSPITAL 1R29 CA55724-01	REYNOLDS, ALBERT B	SUBSTRATES OF P60SRC PROTEIN TYROSINE KINASE	101,119
1R29 CA56645-01	SAMPLE, CLARE E	FUNCTONS OF EBV PROTEINS IN B CELL IMMORTALIZATION	99,714
1R01 CA56639-01	SAMPLE, JEFFREY T	REGULATION OF EPSTEIN-BARR VIRUS GENE EXPRESSION	128,954
INSTITUTION TOTAL	3	329,787	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

TENNESSEE MEMPHIS STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--MEMPHIS STATE UNIVERSITY	LESSMAN, CHARLES A	ROLE OF CYTOSKELETON IN OCYTE MEIOTIC MATURATION	103,954
1R15 HD26901-01A2	SLACK, STEVEN M	FLOW/SURFACE EFFECTS ON PLATELET GPIIb-IIIa	94,842
1R15 HL48244-01	SMITH, DAVID F	ASSEMBLY OF HSP90-PROGESTERONE RECEPTOR COMPLEXES	95,694
INSTITUTION TOTAL	3	294,490	
UNIVERSITY OF TENNESSEE AT MEMPHIS		HEAT EXPOSURE, DEHYDRATION AND FEVER	174,410
1R01 HL47650-01	BLATTES, CLARK M	SPHINGOMYELINASE PATHWAY IN THE CONTROL OF PTH SECRETION	95,115
1R29 DK45067-01	MC KAY, CHARLES P		
INSTITUTION TOTAL	2	269,525	
CITY TOTAL	8	893,802	
NASHVILLE MEHARRY MEDICAL COLLEGE		NINTH ANNUAL TROPICAL DISEASES SYMPOSIUM	8,000
1R13 AI32559-01	HILL, GEORGE C		
INSTITUTION TOTAL	1	8,000	
VANDERBILT UNIVERSITY			
1R01 GM47728-01	GOULD, KATHLEEN L	MECHANISMS OF EUKARYOTIC CELL CYCLE CONTROL	190,134
1P50 DK44757-01	ITCHIKAWA, TEKUNI	BIOLOGY OF CHILDHOOD NEPHROTIC SYNDROME	616,707
1R29 AI32126-01	KERNODLE, DOUGLAS S	ROLE OF BETA-LACTAMASE IN WOUND INFECTION PATHOGENESIS	99,104
1R29 DK43748-01A1	MC GUINNESS, OWEN P	REGULATION OF HEPATIC GLUCOSE METABOLISM IN INFECTED	93,695
1R01 HD28976-01	NAGAMINE, CLAUDE M	TESTIS DEVELOPMENT IN THE XY SEX REVERSED MOUSE	129,553
1R01 GM48688-01	RAY, WAYNE A	MATERNAL DRUG USE AND RISK OF CHILDHOOD CANCER	260,335
1R01 AI31273-01A1	RULEY, HENRY E	GENETIC ANALYSIS OF THE TOTIPOTENT EMBRYONIC STEM CELL	240,403
1R29 DK42731-01A2	SERAFIN, WILLIAM E	MURINE MAST CELL CLASSIFICATION BY IN SITU HYBRIDIZATION	184,387
1R01 CA55678-01	SEYFRED, MARK A	HORMONAL REGULATION OF RAT PROLACTIN GENE EXPRESSION	107,173
1R01 DK43911-01A1	STONE, MICHAEL P	ADDUCT-INDUCED FRAMESHIFT MUTAGENESIS	161,633
1R01 HG00562-01	THOMAS, JAMES W	GENETIC ORIGIN AND STRUCTURE OF INSULIN ANTIBODIES	149,546
INSTITUTION TOTAL	12	TRANSLATION OF AUTOMATED SEQUENCER DATA TO DNA SEQUENCES	272,116
CITY TOTAL	13		
STATE TOTAL	22	2,504,786	
		2,512,786	
		3,549,856	

TEXAS
AUSTIN
AMBITION, INC.
1R43 CA57045-01

GOLDRICK, MARIANNA M
TECHNOLOGY FOR DETECTION OF SINGLE BASE MUTATIONS

48,649

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

INSTITUTION TOTAL 1 48,649

TEXAS AUSTIN	UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN	BRODBELT, JENNIFER S HELLER, ADAM HOLAHAN, CHARLES J HUBBELL, JEFFREY A KEHRER, JAMES P KODADEK, THOMAS J SESSLER, JONATHAN L ZAKON, HAROLD H	GAS-PHASE ION/MOLECULE REACTIONS OF MACROCYCLES AMPEROMETRIC ENZYME ELECTRODES PREDICTION OF QUALITY OF LIFE IN CARDIOVASCULAR DISEASE BIOCOMPATIBLE MEMBRANES FOR ISLET XENOGRAFTS COOXIDATION AND THE TOXICITY OF CYCLOPHOSPHAMIDE CHEMISTRY OF TRANSCRIPTIONAL ACTIVATION BIOINORGANIC CHEMISTRY AND MOLECULAR DESIGN ROLE OF INNERVATION IN ELECTRORECEPTOR REGENERATION	131,120 224,205 51,828 104,825 123,054 123,478 4,000 87,845
INSTITUTION TOTAL	8		850,355	
CITY TOTAL	9		899,004	

COLLEGE STATION	TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION	COLLISSON, ELLEN W DAVIS, MICHAEL J FITZPATRICK, PAUL F LINTHICUM, DARWIN S PLAMANN, LYNDIA S SUMMERS, MAX D	T CELL IMMUNITY TO FIV ANTIGENS MECHANISM AND FUNCTION OF THE VASCULAR MYOGENIC RESPONSE MECHANISTIC STUDIES OF TYROSINE HYDROXYLASE MOLECULAR MODELING OF PROTEIN-LIGAND INTERACTIONS CELL SIGNALING DURING EARLY MYXOCOCCUS DEVELOPMENT BACULOVIRUS INDUCED NUCLEAR MEMBRANE ASSEMBLY	178,807 191,649 157,493 196,309 80,262 172,059
INSTITUTION TOTAL	6		976,579	
CITY TOTAL	6		976,579	

DALLAS	UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS	BERGSTRESSER, PAUL R BLOOM, GEORGE S COMBES, BURTON HANSEN, ERIC J HOBBES, HELEN H HSIA, CONNIE C W MC CANN, SAMUEL M	LANGERHANS CELLS--THIRD INTERNATIONAL WORKSHOP REGULATION OF VESICLE TRAFFIC IN NEURONS & RELATED CELLS URSODEOXYCHOLATE-METHOTREXATE FOR BILARY CIRRHOsis MOLECULAR PATHOGENESIS AND DIAGNOSIS OF CHANCREOID GENETIC DETERMINANTS OF PLASMA LP (A) CONCENTRATION EFFECT OF PNEUMONECTOMY AND EXERCISE ON LUNG GROWTH BRAIN PEPTIDES IN CONTROL OF GONADOTROPIN AND PROLACTIN	8,000 91,678 74,250 216,103 211,952 248,881 162,064
INSTITUTION TOTAL	7		1,012,928	
CITY TOTAL	7		1,012,928	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR

TEXAS	GALVESTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH	
1R01	DK39553-01A5	CHILD, GWEN V
1R01	NS29640-01A1	CHRISTENSEN, BURGESS N
1R01	DK42029-01A3	NOWICKI, BOGDAN
1R01	DK44363-01A1	RITCHIE, AILEEN K
1R01	HD28393-01A1	URBAN, RANDALL J
INSTITUTION TOTAL	5	724,820
CITY TOTAL	5	724,820

TITLE OF RESEARCH PROPOSAL

HOUSTON ANALYTIX GROUP	1R43 NS30267-01	GUTOWSKI, FRANCIS D	SOFTWARE FOR COMBINED MEG AND MAGNETIC RESONANCE IMAGING	49,930
INSTITUTION TOTAL	1			49,930
BAYLOR COLLEGE OF MEDICINE				
1R01 GM46970-01		BALLABIO, ANDREA		
1R01 HD27965-01A1		CONNELLY, ORLA M		
1R01 CA52634-01A2		DAHLQUIST, LYNNDA M		
1R01 AI32894-01		HOGAN, MICHAEL E		
1R01 HL47655-01		MAJESKY, MARK W		
1R01 CA55590-01		MARKAVERICH, BARRY M		
1R01 ES05477-01A1		MARKAVERICH, BARRY M		
1R01 CA55684-01		MARRIOTT, SUSAN J		
1R01 HD29256-01		NELSON, DAVID L		
1R01 HD28458-01A1		PATEL, PRAGNA I		
1R01 NS30541-01		PERIN, MARK S		
1R29 CA56439-01A1		RODGERS, JOHN R		
1R01 HD28140-01A1		SCHANLER, RICHARD J		
1R01 HL47567-01		SCHNEIDER, MICHAEL		
1R21 DK45189-01		VALLBONA, CARLOS		
1R01 DK44625-01		YU-LEE, LI-YUAN		
INSTITUTION TOTAL	16			2,720,029
RICE UNIVERSITY				
1R01 CA55268-01A1		CIUFFOLINI, MARCO A		
INSTITUTION TOTAL	1			89,003
TANOX BIOSYSTEMS, INC.				
1R43 AI32823-01		PENG, CHENG		
INSTITUTION TOTAL	1			50,000

SYNTHESIS OF MARINE ANTITUMOR ALKALOIDS
89,003

ENHANCEMENT OF MUCOSAL IMMUNITY
50,000

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

TEXAS			
HOUSTON			
UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON-UNIVERSITY PARK	KRAUSE, KURT L	HIV-ASSOCIATED DIARRHEA AND WASTING IN ZAMBIA	84,586
1R29 GM46866-01	WELLS, DAN E	TRANSDUCTION OF THE A SIGNAL IN MYXOCOCCUS DEVELOPMENT	234,627
1R01 HG00172-01A1		ORIGINS OF THE CG-RICH ISOCHORES OF THE HUMAN GENOME	
INSTITUTION TOTAL	2	PHYSICAL ACTIVITY AND CARDIOVASCULAR RISK IN BLACK GIRLS	83,586
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	DUPONT, HERBERT L		
1R01 AI31356-01A2	KAPLAN, HEIDI B		
1R01 GM47444-01	LI, WEN-HSIUNG		
1R01 GM45670-01A1	TAYLOR, WENDELL C		
INSTITUTION TOTAL	319,213		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER	KUO, M TIEN	REGULATION OF MDRL GENE EXPRESSION IN LIVER AND UTERUS	158,840
1R01 CA55813-01	LEGERSKI, RANDY J	ISOLATION AND ANALYSIS OF HUMAN DNA REPAIR GENES	148,526
1R01 CA52461-01A2	LEIBOWITZ, JULIAN L	INDUCTION OF A PROTHROMBINASE GENE DURING HEPATITIS	119,850
1R01 AI31069-01A1	MEEK, KATHERYN D	BIASED RECOMBINATION AT THE MURINE Ig DH-JH LOCUS	142,180
1R01 AI32600-01	STECK, PETER A	DIFFERENTIALLY EXPRESSED GENE PRODUCTS IN HUMAN GLIOMAS	180,924
1R01 CA56041-01A1	VOGEL, VICTOR G	BREAST CANCER EDUCATION SUMMIT	24,639
1R13 CA57450-01	WHITE, R ALLEN	CYTOKINETIC ANALYSES OF DIPLOID CELLS IN SOLID TUMORS	34,787
INSTITUTION TOTAL	4		
CITY TOTAL	661,634		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER	KUO, M TIEN	REGULATION OF MDRL GENE EXPRESSION IN LIVER AND UTERUS	158,840
1R01 CA55813-01	LEGERSKI, RANDY J	ISOLATION AND ANALYSIS OF HUMAN DNA REPAIR GENES	148,526
1R01 CA52461-01A2	LEIBOWITZ, JULIAN L	INDUCTION OF A PROTHROMBINASE GENE DURING HEPATITIS	119,850
1R01 AI31069-01A1	MEEK, KATHERYN D	BIASED RECOMBINATION AT THE MURINE Ig DH-JH LOCUS	142,180
1R01 AI32600-01	STECK, PETER A	DIFFERENTIALLY EXPRESSED GENE PRODUCTS IN HUMAN GLIOMAS	180,924
1R01 CA56041-01A1	VOGEL, VICTOR G	BREAST CANCER EDUCATION SUMMIT	24,639
1R13 CA57450-01	WHITE, R ALLEN	CYTOKINETIC ANALYSES OF DIPLOID CELLS IN SOLID TUMORS	34,787
INSTITUTION TOTAL	7	809,746	
CITY TOTAL	32	4,699,555	
LEAGUE CITY PERCEPTIVE SYSTEMS, INC.	CASTLEMAN, KENNETH R	AUTOMATED THERAPY MONITORING IN LEUKEMIA CYTOGENETICS	49,596
1R43 CA58259-01			
INSTITUTION TOTAL	1	49,596	
CITY TOTAL	1	49,596	
LUBBOCK TEXAS TECH UNIVERSITY	WALKUP, ROBERT D	OSCILLATOXIN D AND RELATED SPIROBICYCLICS	115,836
1R01 CA49307-01A4			
INSTITUTION TOTAL	1	115,836	
CITY TOTAL	1	115,836	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

TEXAS
SAN ANTONIO
APPLIED HUMAN FACTOR, INC.
1R43 HD28864-01

SCHROEDER, JAMES E
CORDLESS LIGHT PEN AND INTERFACE AUTHORIZING SYSTEM

INSTITUTION TOTAL 1 49,982

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS	DERETIC, VOJO	PSEUDOMONAS IN CYSTIC FIBROSIS--REGULATION OF MUCOIDY	243,754
1R01 AI31139-01A1	KOLODRUBETZ, DAVID J	MUTATIONAL ANALYSIS OF THE FUNCTIONS OF HMG PROTEINS	160,158
1R01 GM45793-01A1	KURAMITSU, HOWARD K	ORAL SPIROCHETES--MOLECULAR GENETIC ANALYSIS	120,002
1R01 DE09821-01A1	MCMANUS, LINDA M	PAF MOLECULAR HETEROGENEITY--CARDIOPULMONARY EFFECTS	206,865
1R01 HL46760-01A1	MELBY, PETER C	CELLULAR IMMUNITY IN HUMAN CUTANEOUS LEISHMANIASIS	110,788
1R29 AI31065-01A1	MOYER, MARY P	HIV-INFECTED GI MESENCHYMAL CELLS MIMIC KAPOSI'S SARCOMA	163,532
1R01 HL48497-01	NAYLOR, SUSAN L	INTERNATIONAL WORKSHOP ON HUMAN CHROMOSOME 3	27,000
1R13 HG00705-01	NOVAK, M JOHN	P. GINGIVALIS MEMBRANE BLEBS--MODULATORS OF PMN FUNCTION	105,620
1R29 DE09845-01A1	YONEDA, TOSHIYUKI	ROLE OF SRC TYROSINE KINASE IN OSTEOCLAST FUNCTION	143,637
INSTITUTION TOTAL	9	1,281,356	
CITY TOTAL	10	1,331,338	

THE WOODLANDS
TRIPLEX PHARMACEUTICAL CORPORATION
1R43 CA56190-01

REVANKAR, GANAPATHI R

INSTITUTION TOTAL	1	50,000	MODIFIED NUCLEOSIDES IN TRIPLEX FORMING OLIGONUCLEOTIDES	50,000
CITY TOTAL	1	50,000		
STATE TOTAL	72	9,859,656		

UTAH LOGAN	UTAH STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY 1R01 GM47360-01	DIARYL ETHER AMINO ACIDS VIA DIELS-ALDER REACTIONS	103,340
INSTITUTION TOTAL	1	103,340	
CITY TOTAL	1	103,340	

PROVO BRIGHAM YOUNG UNIVERSITY 1R01 CA55585-01	SIMMONS, DANIEL	PROSTAGLANDIN SYNTHASE'S ROLE IN TRANSFORMATION BY V-SRC	117,158
INSTITUTION TOTAL	1	117,158	
CITY TOTAL	1	117,158	

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
UTAH SALT LAKE CITY BUNNELL, INC. 1R43 HL47971-01	RICHARDSON, CHARLES P	SURFACTANT INJECTION SYSTEM FOR INFANTS	45,944
INSTITUTION TOTAL 1		45,944	
MACFRIENDLY PUBLISHING 1R43 HD27095-01A2	BERNSHAW, NICOLE J	INTERACTIVE SOFTWARE PROGRAM IN BREASTFEEDING MANAGEMENT	44,150
INSTITUTION TOTAL 1		44,150	
MEDICAL PHYSICS, INC. 1R43 DK44030-01A1	CLARK, JUSTIN S	MATHEMATICAL MODEL FOR RENAL TRANSPLANT EVALUATION	50,000
INSTITUTION TOTAL 1		50,000	
MOTION CONTROL, INC. 1R43 AR41272-01	SEARS, HAROLD H	PRACTICAL CONTROLLED-IMPEDANCE ABOVE KNEE PROSTHESIS	49,951
INSTITUTION TOTAL 1		49,951	
SUMMITEK INCORPORATED 1R43 HL45362-01A1	PHILLIPS, RICHARD P	RACE PUMP	50,000
INSTITUTION TOTAL 1		50,000	
TECHNICAL RESEARCH ASSOCIATES, INC. 1R43 NS30280-01	RAPPAPORT, CATHERINE F	TISSUE CULTURE SYSTEMS FOR ADULT NEURONS	50,000
INSTITUTION TOTAL 1		50,000	
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH 1R01 GM46899-01	ARANEO, BARBARA A	IMMUNOLOGIC RECONSTITUTION OF THERMALLY INJURED ANIMALS	133,055
1R01 DK43761-01A1	BARKER, DAVID F	ALPORT SYNDROME GENETICS AND MUTATION DETECTION	150,538
1R13 HG00693-01	FAIN, PAMELA R	CHROMOSOME 17 MAPPING WORKSHOP	36,500
1R01 HG00571-01	GOLDGAR, DAVID E	METHODS FOR MULTIPONT ANALYSIS OF COMPLEX PHENOTYPES	99,612
1R01 HD28694-01	GOLIC, KENT G	SITE-SPECIFIC RECOMBINATION IN SPERMATOGENESIS	152,007
1R29 HL47505-01	JOHNSON, CHRISTOPHER R	QUANTITATIVE INVERSE ELECTROCARDIOGRAPHY	97,154
1R29 DK44440-01	KOHAN, DONALD E	RENAL ENDOTHELIN-NEPHRON SYNTHESIS AND ACTIONS	118,337
1P01 HD28528-01A1	KRUeger, GERALD G	USE OF GENETICALLY MODIFIED SKIN TO TREAT DISEASE	659,671
1R13 DE10168-01	POWELL, G LYNN	3RD CONGRESS INTL SOCIETY FOR LASERS IN DENTISTRY	20,000
1R29 GM44785-01A2	ROBERTS, JEANETTE C	TARGETED DELIVERY OF GLUTATHIONE PRECURSOR TO THE LIVER	106,071
1R01 ES05628-01A1	YOST, GAROLD S	MECHANISMS OF HALOCARBON-INDUCED PNEUMOTOXICITES	158,188
INSTITUTION TOTAL 11		1,731,133	
CITY TOTAL 17		2,021,178	

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RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	19	2,241,676	
VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE	FIVES-TAYLOR, PAULA M GILMARTIN, GREGORY M JONES, SINAH V TAATES, DOUGLAS J	INVASION & ADHESION OF PERIOPATHOGENS REGULATION OF HIV mRNA 3'-PROCESSING COUPLING OF CLONED MUSCARINIC RECEPTOR WITH ION CHANNELS SUBCOMPARTMENTATION OF GOLGI APPARATUS GLYCOSYLATION	239,224 141,046 89,930 97,518
INSTITUTION TOTAL CITY TOTAL	4	567,718	
STATE TOTAL	4	567,718	
VIRGINIA ANNANDALE JKK INTERNATIONAL CORPORATION	HERNANDEZ, TERESITA B	DIETARY ASSESSMENT SYSTEM FOR ETHNIC POPULATIONS	49,935
INSTITUTION TOTAL CITY TOTAL	1	49,935	
BLACKSBURG VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	FERRY, JAMES G ZALLEN, DORIS T	MOLECULAR BIOLOGY OF ACETATE CONVERSION TO METHANE HUMAN GENOME PROJECT--A CHOICES AND CHALLENGES FORUM	135,928 33,919
INSTITUTION TOTAL CITY TOTAL	2	169,847	
CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE	BENNETT, JAMES P, JR COX, DANIEL J ROBERTS, ROBERT J SHUPNIK, MARGARET A SMITH, TERENCE K SZABO, GABOR	CENTER FOR THE STUDY OF NEURODEGENERATIVE DISEASES PEDIATRIC CONSTIPATION--BEHAVIOR MECHANISMS & TREATMENT BASIC MECHANISMS OF GROWTH AND DEVELOPMENT TRH REGULATION OF THE RAT THYROTROPIN BETA GENE REFLEX PATHWAYS IN THE CONTROL OF INTESTINAL MOTILITY MECHANISMS OF ANESTHETIC ACTION ON SIGNAL TRANSDUCTION	741,357 223,051 265,870 129,388 132,262 486,053
INSTITUTION TOTAL CITY TOTAL	6	1,977,981	
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VIRGINIA HERNDON NATIONAL HOSPITAL HEALTH SYSTEM CORPORATION--MUSCULOSKELETAL SCIENCES RESEARCH INSTITUTE 1R01 GM43728-01A2	KREGER, ARNOLD S	CHARACTERIZATION OF SCORPION FISH TOXINS	200,513
INSTITUTION TOTAL CITY TOTAL	1 1	200,513 200,513	
NORFOLK EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS 1R01 GM44777-01A2 1R29 HL47378-01	BEEBE, STEPHEN J HILL, MICHAEL A	FUNCTIONAL ANALYSIS OF CY-SUBUNIT OF CAMP PROTEIN KINASE MECHANISMS UNDERLYING ARTERIOLAR MYOGENIC CONTRACTION	143,026 106,943
INSTITUTION TOTAL CITY TOTAL	2 2	249,969 249,969	
RICHMOND CHESTERFIELD FAMILY PRACTICE CENTER 1R43 CA56239-01	MC CARTER, W JEFFERSON	HEALTH TOUCH--COMPUTER-ASSISTED CANCER PREVENTION	48,662
INSTITUTION TOTAL	1	48,662	
VIRGINIA COMMONWEALTH UNIVERSITY 1R01 HL45957-01A1 1R01 GM47566-01 1R01 DK43899-01A1 1P30 HD28807-01 1R29 ES05851-01	BRIGGS, FRED N DIEGELMANN, ROBERT F KELLUM, JOHN M MAURER, HAROLD M SCHUETZ, JOHN D	GENE REGULATION IN CARDIAC ASSIST SKELETAL MUSCLE MECHANISMS OF FETAL WOUND REPAIR--CELLULAR & MOLECULAR SURGICAL STUDIES OF INTESTINAL SEROTONIN CHILD HEALTH RESEARCH CENTER IN DEVELOPMENTAL BIOLOGY XENOBIOTIC REGULATION OF LIVER P-GLYCOPROTEIN	186,303 262,845 184,255 257,250 99,812
INSTITUTION TOTAL CITY TOTAL	5 6	990,465 1,039,127	
STATE TOTAL	18	3,687,372	
WASHINGTON OLYMPIA BARLOW SCIENTIFIC 1R43 HL47924-01	BARLOW, CLYDE H	FIBEROPTIC REFLECTANCE/PHOSPHORESCENCE DECAY SPECTROMETER	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	

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GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

WASHINGTON	PRINCIPAL INVESTIGATOR		
WASHINGTON STATE UNIVERSITY			
1R01 DK41919-01A3	BRISKI, KAREN P	CENTRAL GLUCOCORTICOID CONTROL OF PITUITARY LH RELEASE	56,660
1R29 GM45303-01A1	ICHIYE, TOSHIKO	COMPUTER SIMULATIONS OF ELECTRON TRANSFER PROTEINS	114,804
1R01 GM47645-01	SATTERLEE, JAMES D	STUDIES OF THE DYNAMICS OF HEME PROTEIN ACTIVE SITES	200,935
INSTITUTION TOTAL	3		
CITY TOTAL	3		
		372,399	
		372,399	
RICHLAND	PRINCIPAL INVESTIGATOR		
STIRLING TECHNOLOGY COMPANY			
1R43 GM47217-01	RIGGLE, PETER	STIRLING CRYOCOOLER FOR MRI CRYOSTAT SHIELD COOLING	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		
		50,000	
		50,000	
SEATTLE	PRINCIPAL INVESTIGATOR		
FRED HUTCHINSON CANCER RESEARCH CENTER			
1R01 DK44746-01	GROUDINE, MARK T	FUNCTION OF THE HUMAN B-GLOBIN LOCUS CONTROL REGION-LCR	254,048
1R01 HL48356-01	GROUDINE, MARK T	CORRECTION OF BETA-THALASSEMIA HOMOLOGOUS RECOMBINATION	225,670
1R03 TW00057-01	NEIMAN, PAUL E	NOT STATED	20,803
INSTITUTION TOTAL	3		
		500,521	
SEATTLE BIOMEDICAL RESEARCH INSTITUTE	PRINCIPAL INVESTIGATOR		
1R01 AI31077-01A1	MARILYN PARSONS, MARILYN	TYROSINE KINASE OF TRYPANOSOMA BRUCEI	189,642
INSTITUTION TOTAL	1		
		189,642	
UNIVERSITY OF WASHINGTON	PRINCIPAL INVESTIGATOR		
1P30 HD28834-01	ABELSON, HERBERT T	CELL AND MOLECULAR BIOLOGY OF DEVELOPMENT	297,190
1R01 AI30619-01A1	BENEDETTI, JACQUELINE	STATISTICAL ANALYSIS OF A GENITAL HERPES DATABASE	67,343
1R01 NS29582-01A1	BOTHWELL, MARK A	FIBROBLAST GROWTH FACTORS IN NEURAL DEVELOPMENT	166,656
1R01 AR41223-01	BYERS, PETER H	MOLECULAR BASIS OF OSTEOGENESIS IMPERFECTA	230,503
1R01 HD29039-01	CLIFTON, DONALD K	NEUROPEPTIDE GENES GOVERNING GROWTH	97,848
1R01 CA55488-01A1	KIVIAT, NANCY	NATURAL HISTORY OF DYSPLASIA AND HIV INFECTION	368,601
1R01 GM45881-01A1	KOVACS, JULIA A	MODELING THE STRUCTURE AND REACTIVITY OF NI HYDROGENASES	101,933
1R01 DC00774-01A2	LIPPE, WILLIAM R	DEVELOPMENT AND REGENERATION IN THE AUDITORY SYSTEM	153,055
1R01 AI32624-01	LORY, STEPHEN	CONTROL OF EXPRESSION OF P. AERUGINOSA VIRULENCE FACTORS	185,525
1R01 AR40813-01A1	NEWELL, LAURA L	BONE FORMATION AND RESORPTION IN PREGNANCY AND LACTATION	285,813
1R29 GM46662-01	POHLMAN, TIMOTHY H	ENDOTHELIAL CELL ACTIVATION FOLLOWING SHOCK AND TRAUMA	99,121
1R01 CA55596-01	PRESS, OLIVER W	INTRACELLULAR ROUTING OF IMMUNOTOXINS	203,096

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON SEATTLE			
UNIVERSITY OF WASHINGTON 1R01 CA55814-01 1R01 NS30722-01 1R29 HL46314-01A1 1R29 GM48349-01 1P50 NS30305-01	REID, BRIAN J RICHARDS, TODD L SHERIFF, DON D THUMMEL, KENNETH E WINN, H RICHARD	CELL CYCLE AND GENOMIC INSTABILITY IN NEOPLASIA MR EVALUATION OF A MODEL OF MULTIPLE SCLEROSIS REFLEX REGULATION OF MUSCLE PERFUSION DURING EXERCISE HUMAN P-450IE1 INDUCTION; IN VIVO PROBES INFLUENCING CNS INJURY: PRIMARY AND SECONDARY FACTORS	198,418 166,212 112,242 78,332 928,418
INSTITUTION TOTAL CITY TOTAL	17 21	3,740,306 4,430,469	
STATE TOTAL	26	4,902,868	
WEST VIRGINIA HUNTINGTON			
MARSHALL UNIVERSITY 1R03 DC01333-01A1	WANG, RUU-TONG	ONTOGENY OF VOMERONASAL NEURONS IN A MARSUPIAL	32,150
INSTITUTION TOTAL CITY TOTAL	1 1	32,150 32,150	
MORGANTOWN WEST VIRGINIA UNIVERSITY 1R29 HD28634-01 1R03 DC01622-01	CHALLONER, PETER B WETMORE, STEPHEN J	ALTERNATIVE mRNA PROCESSING DURING SPERMATOGENESIS DETECTION OF VIRUSES IN CHRONIC OTITIS MEDIA USING PCR	79,929 36,000
INSTITUTION TOTAL CITY TOTAL	2 2	115,929 115,929	
STATE TOTAL	3	148,079	
WISCONSIN MADISON			
UNITECH RESEARCH, INC. 1R43 EY09499-01	TYLER, MITCHELL E	NEW ELECTROTACTILE PROSTHESIS FOR THE BLIND	49,140
INSTITUTION TOTAL	1	49,140	
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON 1R29 CA55639-01 1R13 CA56581-01	CHANG, CHAWNSHANG LOVE, RICHARD R	ANDROGEN RECEPTORS IN THE TFM SYNDROME ANNUAL CONFERENCE AMER SOCIETY OF PREVENTIVE ONCOLOGY	100,800 8,000

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GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

WISCONSIN MADISON	UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON	
1R29 GM47120-01	ONORATO, JAMES J	STRUCTURAL REQUIREMENTS OF B-ARK
1R01 CA53786-01A2	PALTA, MARI	EFFECTS OF MISSPECIFICATION IN LONGITUDINAL MODELS
1R01 GM47221-01	PETERS, DONNA P	FIBRONECTIN FIBRILS: STRUCTURE AND ASSEMBLY
1R01 AI31960-01	RUECKERT, ROLAND R	PATHWAYS OF RESISTANCE TO ANTI-PICORNAVIRAL DRUGS
1R01 AG08979-01A2	RYFF, CAROL D	COMMUNITY RELOCATION AND HEALTH--PSYCHOSOCIAL LINKAGES
1R01 DK42897-01A2	SABAN, RICARDO	NEUROPEPTIDE-MAST CELL INTERACTION IN BLADDER REACTIVITY
1R29 HL67094-01A1	STANLEY, WILLIAM C	GLUCOSE METABOLISM IN THE EXERCISE TRAINED HEART
1R03 TW00065-01	TEMIN, HOWARD M	CELL RECEPTOR FOR BOVINE LEUKEMIA VIRUS
INSTITUTION TOTAL	10	1,178,162
CITY TOTAL	11	1,227,302

MILWAUKEE BLOOD CENTER OF SOUTHEASTERN WISCONSIN	WISCONSIN 1R01 HL46979-01A1	KUNICKI, THOMAS J	MOLECULAR BIOLOGY OF THE THROMBOCYTE FIBRINOGEN RECEPTOR	212,595
INSTITUTION TOTAL	1			212,595
MEDICAL COLLEGE OF WISCONSIN	DAHMS, NANCY M	STRUCTURAL ANALYSIS OF THE MANNOSE 6-PHOSPHATE RECEPTORS	98,670	
1R29 DK42667-01A1	HAAS, ARTHUR L	FUNCTION OF AN INTERFERON-INDUCED UBIQUITIN HOMOLOG	184,180	
1R01 GM47426-01	LI, SHI-JIANG	MRS DIAGNOSIS OF TUMOR HYPOXIA AND REOXYGENATION	99,319	
1R29 CA54600-01A1				
INSTITUTION TOTAL	3	382,169		
CITY TOTAL	4	594,764		
STATE TOTAL	15	1,822,066		

WYOMING LARAMIE	UNIVERSITY OF WYOMING	THORNESS, PETER E	GENETIC ANALYSIS OF MITOCHONDRIAL INTEGRITY	83,684
1R29 GM47390-01				
INSTITUTION TOTAL	1		83,684	
CITY TOTAL	1		83,684	
STATE TOTAL	1		83,684	

CANADA HAMILTON MCMASTER UNIVERSITY	FAHNESTOCK, MARGARET	SALIVARY GLAND NERVE GROWTH FACTOR GENE EXPRESSION	168,841
1R01 DE10448-01			
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	168,841 168,841	
CANADA MONTREAL INTERNATIONAL CONGRESS OF NEUROGENETICS AND NEUROOPHTHALMOLOGY 1R01 NS29629-01A1	DIKSIĆ, MIRKO		104,578
INSTITUTION TOTAL	1	104,578	
MC GILL UNIVERSITY 1R01 HL47330-01 1R01 HD29608-01	FRASURE-SMITH, NANCY E MOSS, IMMANUELA R	MONTRÉAL HEART ATTACK READJUSTMENT TRIAL (M-HART) PRENATAL COCAINE--RESPIRATORY CONTROL, BEHAVIOR, OPIOIDS	270,954 130,422
INSTITUTION TOTAL	2	401,376	
UNIVERSITY OF MONTREAL 1R01 DK44864-01	TRUDEL, MARIE	MOLECULAR GENETIC ANALYSIS OF PKD IN TRANSGENIC MICE	81,043
INSTITUTION TOTAL CITY TOTAL	1 4	81,043 586,997	
TORONTO UNIVERSITY OF TORONTO 1R01 HD28901-01	PHILLIPSON, ELIOT A	OBSTRUCTIVE SLEEP APNEA MODEL	103,925
INSTITUTION TOTAL CITY TOTAL	1 1	103,925 103,925	
VANCOUVER BRITISH COLUMBIA CANCER FOUNDATION 1R01 CA56600-01	DURAND, RALPH E	MODIFYING XENOGRAFT RADIOSensitivity	123,487
INSTITUTION TOTAL CITY TOTAL	1 1	123,487 123,487	
STATE TOTAL	7	983,250	
ISRAEL JERUSALEM HEBREW UNIVERSITY OF JERUSALEM 1R01 AI32076-01	SCHLEIN, YOSEF	ADAPTATION OF LEISHMANIA TO NATURAL DIETS OF THE VECTOR	106,325

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AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

ISRAEL TEL AVIV 1R01 AI31790-01A1	HIZI, AMNON	NOVEL NATURAL PRODUCTS AS POTENTIAL ANTI-AIDS DRUGS	130,525
INSTITUTION TOTAL CITY TOTAL	1	106,325	106,325
INSTITUTION TOTAL CITY TOTAL	1	130,525	130,525
STATE TOTAL	2	236,850	
NORWAY TROMSO UNIVERSITY OF TROMSO 1R01 CA52449-01A2	LUND, EILIV	ORAL CONTRACEPTIVE USE AND CANCER INCIDENCE	77,000
INSTITUTION TOTAL CITY TOTAL	1	77,000	77,000
STATE TOTAL	1	77,000	
UNITED KINGDOM NOTTINGHAM UNIVERSITY OF NOTTINGHAM 1R01 GM44896-01A1	USHERWOOD, PETER N	MECHANISMS OF RYANODINE TOXICITY	88,600
INSTITUTION TOTAL CITY TOTAL	1	88,600	88,600
STATE TOTAL	1	88,600	
TOTAL	1,096	165,858,711	

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RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA PALO ALTO CCS ASSOCIATES 1N01 CN25417-00	SIGMAN, CAROLINE C 1	MULTIDISCIPLINARY TECHNICAL RESOURCES AND SUPPORT	848,095
INSTITUTION TOTAL CITY TOTAL	1 848,095		
PASADENA HUNTINGTON MEDICAL RESEARCH INSTITUTES 1N01 NS22323-00	AGNEW, WILLIAM 1	STIMULATION OF NERVOUS SYSTEMS FOR NEURAL PROSTHESES	556,108
INSTITUTION TOTAL CITY TOTAL	1 556,108		
STANFORD STANFORD UNIVERSITY 1N01 HV08110-00	OYER, PHILIP 1	EVAL OF IMPLANTABLE VENTRICULAR ASSIST SYSTEMS	1
INSTITUTION TOTAL CITY TOTAL	1 1		
SYLMAR ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH 1N01 NS22322-00	SCHULMAN, JOSEPH H 1	NEUROMUSCULAR MICROSIMULATOR AND MICROTRANSNUCERS	241,112
INSTITUTION TOTAL CITY TOTAL	1 1	241,112 241,112	
STATE TOTAL	4	1,645,316	
DIST OF COL WASHINGTON NATIONAL ACADEMY OF SCIENCES 1N01 HD23150-00	GRIBBLE, JAMES 1	PLANNING MEETING ON AIDS IN SUB-SAHARAN AFRICA	49,720
INSTITUTION TOTAL CITY TOTAL	1 1	49,720 49,720	
STATE TOTAL	1	49,720	

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
FLORIDA MIAMI UNIVERSITY OF MIAMI 1N01 CN25426-00	GERACE, TERRACE A	1 WOMEN'S HEALTH TRIAL--FEASIBILITY STUDY IN MINORITIES	699,047
INSTITUTION TOTAL CITY TOTAL	1	699,047	699,047
PEMBROKE PARK SOUTHEAST GRAPHICS 1N02 C021091-00	BERGSTEDT, RALPH	1 PRINTING--FLOWCHART/PRESS RELEASE/CANCER INFO SERVICE	22,818
INSTITUTION TOTAL CITY TOTAL	1	22,818	22,818
POMPANO BEACH GRAPHIC DYNAMICS, INC. 1N02 C021079-00 1N02 C021080-00 1N02 C021144-00	LAMASTERS, PAUL R LAMASTERS, PAUL R LAMASTERS, PAUL R	MAKING HEALTH COMMUNICATIONS WORK BEAT THE SMOKELESS HABIT CANCER TEST YOU SHOULD KNOW ABOUT	63,000 22,000 18,200
INSTITUTION TOTAL CITY TOTAL	3	103,200	103,200
TALLAHASSEE CORAL REEF RESEARCH FOUNDATION 1N01 CM27704-00	COLIN, PATRICK	COLLECTION AND TAXONOMY OF SHALLOW WATER	514,053
INSTITUTION TOTAL CITY TOTAL	1	514,053	514,053
STATE TOTAL	6	1,339,118	
GEORGIA ATLANTA EMORY UNIVERSITY 1N01 CN25425-00	HALL, W DALLAS	1 WOMEN'S HEALTH TRIAL--FEASIBILITY STUDY IN MINORITIES	909,098
INSTITUTION TOTAL CITY TOTAL	1	909,098	909,098
STATE TOTAL	1	909,098	909,098

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ILLINOIS CHICAGO BRO'S LITHOGRAPHING COMPANY 1N02 C02116-00	KATZ, WILLIAM	TESTICULAR SELF EXAMINATION	14,287
INSTITUTION TOTAL 1N01 HD23141-00	1		14,287
NORTHWESTERN UNIVERSITY 1N01 CP21114-00	METZGER, BOYD E	FOLLOW-UP OF OFFSPRING OF DIABETIC MOTHERS	334,110
INSTITUTION TOTAL CITY TOTAL	1 2		348,397
STATE TOTAL	2		348,397
KANSAS LENEXA EAGLE-PICHER INDUSTRIES, INC.--CHEMSYN SCIENCE LABORATORIES 1N01 CP21114-00	RUEHLE, PAUL H	SYNTHESIS OF SELECTED CHEMICAL CARCINOGENS	265,956
INSTITUTION TOTAL CITY TOTAL	1 1		265,956
STATE TOTAL	1		265,956
MARYLAND BALTIMORE ART LITHO COMPANY 1N02 C021135-00	HEYMAN, BARRY M	FACE AND BACK CUT SHEET PRINTING	9,860
INSTITUTION TOTAL 1N01 HD23144-00	1		9,860
JOHNS HOPKINS UNIVERSITY AUGUST, THOMAS 1N01 LM23508-00		DEVELOPMENTAL STUDIES HYBRIDOMA BANK	364,313
INSTITUTION TOTAL CITY TOTAL	1 2		374,173
BETHESDA AMERICAN SOCIETY OF HOSPITAL PHARMACISTS 1N01 LM23508-00	TOUSSIGNAUT, DWIGHT	INTERNATIONAL PHARMACEUTICAL ABSTRACTS	1
INSTITUTION TOTAL	1		1

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND BETHESDA COSTABLE ASSOCIATES 1N01 LM23509-00 1N01 LM23505-00	SULLIVAN, CONSTANCE WINZER, KATHLEEN	REVISING CATALOGING IN PUBLICATION RECORDS CONSERVATION OF SERIALS PROCESSING AND AUTHENTICATION	78,544 24,666
INSTITUTION TOTAL 1N01 LM23510-00	2	103,210	
INTERNATIONAL BUSINESS MACHINES CORPORATION 1N01 LM23510-00	NOT STATED	IBM FEATURE CODE 6851, PROCESSOR RESOURCE/SYSTEMS MGR	48,638
INSTITUTION TOTAL CITY TOTAL	1 4	48,638 151,849	
CHEVERLY PEAKE PRINTERS, INC. 1N02 CO21089-00 1N02 CO21094-00	CHALKLEY, NEAL CHALKLEY, NEAL	CHALLENGE OF BREAST CANCER--PRESS KIT/PROGRAM KIT IMPACT OF THE NATIONAL CANCER ACT	19,647 24,794
INSTITUTION TOTAL CITY TOTAL	2 2	44,441 44,441	
FORESTVILLE ARTISAN PRINTING, INC. 1N02 CO21086-00 1N02 CO25600-00 1N02 CO21145-00 1N02 CO21087-00	POUDIER, DONALD POUDIER, DON POUDIER, DON POUDIER, DONALD	MAMMOGRAM--A PICTURE . . . ; MYTHS ABOUT . . . ; SMALL POSTERS/LARGE POSTERS/MASTHEADS NCI INVESTIGATIONAL DRUGS--CHEMICAL DATA 1992 POSTDOCTORAL RESEARCH FELLOWSHIP CESSION	6,206 3,587 13,196 10,139
INSTITUTION TOTAL CITY TOTAL	4 4	33,128 33,128	
GAITHERSBURG BALMAR PRINTING AND GRAPHICS, INC. 1N01 CO15751-00 1N02 CO21108-00 1N02 CO21140-00	KOHLER, BEN KOHLER, BEN KOHLER, BEN	ENVELOPE - MAMMOGRAPHY AWARENESS KIT A BIG PRINTING JOB 1991 DCT ANNUAL REPORT VOL. 1	3,989 6,515 7,243
INSTITUTION TOTAL CITY TOTAL	3 3	17,747 17,747	

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND			
LAUREL S AND S GRAPHICS, INC. 1N02 C021100-00 1N02 C021134-00	HALLER, JIMMY SULLIVAN, DAVID A	HAGASE LA PRUEBA PAP PAP TEST--IT CAN SAVE YOUR LIFE	5,485 26,375
INSTITUTION TOTAL CITY TOTAL	2 2	29,860 29,860	
ROCKVILLE			
ATLIS SYSTEMS, INC. 1N01 C021037-00	CANNON, GRACE	CANCER INFORMATION ANALYSIS AND TRACKING (CIAT)	1,051,698
INSTITUTION TOTAL	1	1,051,698	
DIAGNON CORPORATION--BIOQUAL, INC. 1N02 HI28123-00	BRADBURY, RICHARD P	GENE TRANSFER THERAPY VIA ADENOVIRUS IN NONHUMAN PRIMATE	222,474
INSTITUTION TOTAL	1	222,474	
ERC BIOSERVICES CORPORATION 1N01 AI25137-00	BEARDSLEY, DENNIS	RESEARCH SUPPORT--INVESTIGATIONAL NEW DRUGS & VACCINES	345,309
INSTITUTION TOTAL	1	345,309	
MICROBIOLOGICAL ASSOCIATES, INC. 1N01 AG22102-00	ALLEN, ANTON M	HEALTH MONITORING OF AGED HYBRID RAT COLONY	37,401
INSTITUTION TOTAL	1	37,401	
ROW SCIENCES, INC. 1N01 C021093-00	NORFOLK, BERNARD	MANAGEMENT INFORMATION SYSTEM SUPPORT SERVICES	345,226
INSTITUTION TOTAL	1	345,226	
SMITH LITHOGRAPH CORPORATION 1N02 C021092-00	RAUSENBUSH, BRIAN S	BREAST CANCER SCREENING PROGRAM AND Q & A	18,726
INSTITUTION TOTAL	1	18,726	
UNIVERSAL HI-TECH DEVELOPMENT, INC. 1N01 LM23506-00	BASS, KAREN	ADDITION OF GENE SEQUENCE DATA TO MEDLINE RECORDS	136,500
INSTITUTION TOTAL CITY TOTAL	1 7	136,500 2,157,334	

**NIH
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND			
SILVER SPRING PRESSSTAR PRINTING CORPORATION 1N02 C021084-00	SARRO, TONY	PRINTING OF CARDS/LABELS/ROUTING SLIPS FOR NCI	13,058
INSTITUTION TOTAL	1	13,058	
RICARDS INTERNATIONAL, INC 1N01 CM27706-00	MELENY, JANET E	SUPPORT SERVICES FOR THE NATIONAL CANCER INSTITUTE	238,065
INSTITUTION TOTAL	1	238,065	
CITY TOTAL	2	251,123	
STATE TOTAL	26	3,059,655	
MASSACHUSETTS			
CAMBRIDGE GENZYME CORPORATION 1N02 NS22321-00	FURBISH, SCOTT	PREPARATION & DELIVERY OF HOMOGENEOUS GLUCOCEREBROSIDASE	2,300,000
INSTITUTION TOTAL	1	2,300,000	
CITY TOTAL	1	2,300,000	
WOODS HOLE MARINE BIOLOGICAL LABORATORY 1N01 LM23511-00	WARNER, HOMER	NLM'S OUTREACH FOR USE OF MEDICAL INFORMATION	215,065
INSTITUTION TOTAL	1	215,065	
CITY TOTAL	1	215,065	
STATE TOTAL	2	2,515,065	
MICHIGAN			
MATTAWAN INTERNATIONAL RESEARCH AND DEVELOPMENT CORPORATION 1N01 HD23145-00	GOLDENTHAL, EDWIN	TOXICOLOGY OF TWO STEROIDAL ESTERS	578,686
INSTITUTION TOTAL	1	578,686	
CITY TOTAL	1	578,686	
STATE TOTAL	1	578,686	

**NIH
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW JERSEY PRINCETON UNIVERSITY 1N01 HD23146-00	WESTOFF, CHARLES F	COLLECTION AND ANNOTATION OF POPULATION LITERATURE	226,469
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK NEW YORK BIEDERMAN, KELLY & SHAFFER, INC. 1N01 H029022-00	BIEDERMAN, BARRY	PUBLIC EDUCATION CAMPAIGN SUPPORT	299,865
INSTITUTION TOTAL	1		
CITY TOTAL	1		
RUSH STS DUOTEX, INC. 1N01 CM27738-00	VIOLANTE, MICHAEL R	DEVELOPMENT OF NOVEL DRUG FORMULATION AND DELIVERY	203,732
INSTITUTION TOTAL	1		
CITY TOTAL	1		
VALHALLA AMERICAN HEALTH FOUNDATION--NAYLOR DANA INSTITUTE FOR DISEASE PREVENTION 1N01 CP21115-00	AMIN, SHANTI	SYNTHESIS OF SELECTED CHEMICAL CARCINOGENS	243,723
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
NORTH CAROLINA RESEARCH TRIANGLE PARK ENVIRONMENTAL HEALTH RESEARCH AND TESTING, INC. 1N01 ES25348-00	HUGHES, THOMAS	SALMONELLA MUTAGENICITY TESTING	76,038
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

SCOPE OF WORK

PROJECT DIRECTOR

CONTRACT NUMBER

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
OHIO STRONGSVILLE KENNEDY GRAPHICS 1N02 CO21112-00 1N02 CO21138-00 1N02 CO25604-00 1N02 CO21083-00 1N02 CO21053-00	TOTH, FRANK TOTH, FRANK TOTH, FRANK TOTH, FRANK TOTH, FRANK JR	CANCER OF THE COLON AND RECTUM FLOW CHART (SPANISH) WHAT YOU NEED TO KNOW ABOUT SKIN CANCER MAMMOGRAM--ONCE A YEAR FOR A LIFETIME BREAST EXAMS--WHAT YOU SHOULD KNOW	21,000 6,337 16,000 18,100 90,000
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	5 5 5	151,437 151,437 151,437	
PENNSYLVANIA PITTSBURGH BROUDY PRINTING, INC. 1N02 CO21111-00 1N02 CO21062-00 1N02 CO21147-00	MALLETT, HERB B MALLETT, HERBERT J RUSSO, ALFRED T	WHY DO YOU SMOKE--Q&A ABOUT DES UNDERSTANDING THE IMMUNE SYSTEM INTEGRATED ONCOLOGY WORKSTATION	24,392 65,133 5,900
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	3 3 3	95,425 95,425 95,425	
VIRGINIA ALEXANDRIA SCIENTIFIC AND COMMERCIAL SYSTEMS CORPORATION 1N01 CM27707-00	EATON, BARBARA	SUPPORT SERVICES FOR THE REGULATORY AFFAIRS BRANCH, CTEP	428,417
INSTITUTION TOTAL CITY TOTAL	1 1	428,417 428,417	
ARLINGTON REDMON GROUP 1N01 LM23513-00	REDMON, JOHN C	MICROCOMPUTER-BASED COURSEWARE DEVELOPMENT	1
INSTITUTION TOTAL CITY TOTAL	1 1	1 1	

**NIH
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA LYNCHBURG PROGRESS PRINTING COMPANY 1N02 C021050-00	RAY, W BRUCE	CLEARING THE AIR	149,700
INSTITUTION TOTAL	1		149,700
CITY TOTAL	1		149,700
RICHMOND CARTER PRINTING COMPANY, INC. 1N02 C021085-00 1N02 C021098-00 1N02 C021109-00 1N02 C0211078-00 1N02 C021142-00 1N02 C021137-00	LINDENZWEIG, BOB LINDENZWEIG, BOB LINDENZWEIG, BOB LINDENZWEIG, CR LINDENZWEIG, CR LINDENZWEIG, CR	QUESTIONS TO ASK YOUR DOCTOR ABOUT BREAST CANCER 1 BROCHURES 1 STRATEGIES TO CONTROL TOBACCO USE CAMERA READY GRAPHICS: 1. TUMOR SIZE; 2. MYTHS ABOUT 1.) SMOKING FACTS FOR BLACK AMERICANS; 2.) SMOKING FACTS HAVE A PAP TEST--HAVE A MAMMOGRAM	23,265 11,065 21,060 15,450 24,850 22,880
INSTITUTION TOTAL	6		118,570
MOBILITY, INC. 1N02 C021141-00 1N02 C021088-00 1N02 C021097-00	NORQUEST, CAROL VINE, ROBERT VINE, ROBERT	FACE AND BACK FOLDED BROCHURES PRINTING LIKELIHOOD OF BLACK AMERICAN WOMEN DYING PREGUNTAS PARA HACERLE A SU MEDICO SOMBRE	12,982 5,073 24,327
INSTITUTION TOTAL	3		42,382
WHITTET AND SHEPPERSON COMPANY 1N02 C02113-00	RAY, W BRUCE	SELF INSTRUCTIONAL MANUAL FOR TUMOR REGISTRARS BOOK TWO	8,860
INSTITUTION TOTAL	1		8,860
CITY TOTAL	10		169,812
SPRINGFIELD CASCIO COLOR CORPORATION 1N02 C021090-00 1N02 C02110-00	MILLS, SHARON M MILLS, SHARON M	BLUEPRINT FOR ACTION--AN ADAPTABLE PRESS RELEASE TWELVE PAGE SELFCOVER BROCHURES	22,874 21,563
INSTITUTION TOTAL	2		44,437
CITY TOTAL	2		44,437
STERLING COLORCRAFT OF VIRGINIA 1N02 C021082-00	BOWNS, TIMOTHY		5,197
LIFE SCIENCES EDUCATION/BOOKCOVER			

**NIH
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA STERLING COLORCRAFT OF VIRGINIA 1N02 C021139-00 1N02 C021148-00	BOWNS, TIMOTHY BOWNS, TIMOTHY	1 GRADUATE FELLOWSHIPS IN HEALTH COMMUNICATIONS KITS NATIONAL BLACK LEADERSHIP INITIATIVE ON CANCER	10,860 20,977
INSTITUTION TOTAL CITY TOTAL	3	37,034 37,034	
VIENNA AMERIPRINT, INC. 1N02 C021099-00 1N02 C021143-00	KILBORNE, DANNY KILBURN, DANNY A	PRINTING HUMAN GENE THERAPY	6,948 1,210
INSTITUTION TOTAL	2	8,158	
HAZLETON WASHINGTON, INC. 1N01 CB21075-00	WAX, JUDITH		
INSTITUTION TOTAL CITY TOTAL	1 3	903,322 911,480	903,322
STATE TOTAL	21	1,740,881	
CHINA BEIJING BEIJING INSTITUTE FOR CANCER RESEARCH 1N01 CP21009-00	BLOT, WILLIAM B	1 PRECANCEROUS GASTRIC LEASIONS-RELATION TO STOMACH CANCER	98,050
INSTITUTION TOTAL CITY TOTAL	1 1	98,050 98,050	
STATE TOTAL	1	98,050	
TOTAL	79	13,846,631	

**NIH
RESEARCH TRAINING GRANTS**

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA TWIN CITIES 1T32 NS07361-01	EBNER, TIMOTHY J	RESEARCH TRAINING OF CLINICAL NEUROSCIENTISTS	72,484
INSTITUTION TOTAL	1		72,484
CITY TOTAL	1		72,484
STATE TOTAL	1		72,484
PENNSYLVANIA PHILADELPHIA THOMAS JEFFERSON UNIVERSITY 1T32 CA09678-01A1	CROCE, CARLO M	TRAINING PROGRAMS IN MOLECULAR GENETICS OF CANCER	262,248
INSTITUTION TOTAL	1		262,248
CITY TOTAL	1		262,248
STATE TOTAL	1		262,248
TOTAL	2		334,732

NIH
MEDICAL LIBRARY GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MONTANA BILLINGS SOUTH CENTRAL MONTANA REGIONAL MENTAL HEALTH CENTER 1G07 LM05234-01	BARNEA, LIZBETH A	BAHSIC INFORMATION ACCESS PROJECT	108,030
INSTITUTION TOTAL	1		108,030
CITY TOTAL	1		108,030
STATE TOTAL	1		108,030
PENNSYLVANIA			
PHILADELPHIA PENNSYLVANIA COLLEGE OF PODIATRIC MEDICINE 1G07 LM05408-01	STANLEY, LINDA C	KRAUSZ ONLINE PUBLIC ACCESS CATALOG PROJECT	11,939
INSTITUTION TOTAL	1		11,939
CITY TOTAL	1		11,939
STATE TOTAL	1		11,939
WASHINGTON			
COLFAX WHITMAN COMMUNITY HOSPITAL 1G07 LM05423-01	HOADLEY, DEBBIE A	INFORMATION ACCESS FOR RURAL HEALTH CARE	6,443
INSTITUTION TOTAL	1		6,443
CITY TOTAL	1		6,443
STATE TOTAL	1		6,443
TOTAL	3		126,412

**NIH
COOPERATIVE AGREEMENTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA BERKELEY UNIVERSITY OF CALIFORNIA AT BERKELEY 1U01 HL48944-01	SABRY, Z I	NHLBI GROWTH AND HEALTH STUDY EXTENSION	598,874
INSTITUTION TOTAL	1		598,874
CITY TOTAL	1		598,874
STATE TOTAL	1		598,874
COLORADO			
DENVER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO 1U01 AI32915-01	LEVIN, MYRON J	HEALTH SCIENCES CENTER	665,328
1U01 AI32770-01	SCHOOLLEY, ROBERT T	COLORADO PEDIATRIC AIDS CLINICAL TRIALS UNIT	1,208,328
INSTITUTION TOTAL	2	1,873,656	
CITY TOTAL	2	1,873,656	
STATE TOTAL	2	1,873,656	
DIST OF COL			
WASHINGTON CHILDREN'S HOSPITAL	NATIONAL MEDICAL CENTER		
1U01 AI32923-01	SEVER, JOHN L	WASHINGTON D.C. CONSORTIUM PEDIATRIC AIDS TRIAL UNIT	993,835
INSTITUTION TOTAL	1	993,835	
CITY TOTAL	1	993,835	
STATE TOTAL	1	993,835	
FLORIDA			
TAMPA STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA 1U10 EY09435-01	BECK, ROY W	LONGITUDINAL OPTIC NEURITIS STUDY	414,229
INSTITUTION TOTAL	1		414,229
CITY TOTAL	1		414,229
STATE TOTAL	1		414,229

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
IOWA IOWA CITY UNIVERSITY OF IOWA 1U10 EY09479-01	SCOTT, WILLIAM E	TREATMENT OF CONGENITAL ESOTROPIA	14,300
INSTITUTION TOTAL CITY TOTAL	1 1		14,300 14,300
STATE TOTAL	1		14,300
KENTUCKY LEXINGTON UNIVERSITY OF KENTUCKY 1U10 CA56112-01	ROMOND, EDWARD H	ADJUVANT BREAST AND COLORECTAL CANCER THERAPY/NSABP	68,341
INSTITUTION TOTAL CITY TOTAL	1 1		68,341 68,341
STATE TOTAL	1		68,341
LOUISIANA NEW ORLEANS TULANE UNIVERSITY OF LOUISIANA 1U01 AI32913-01	VAN DYKE, RUSSEL B	TULANE - LSU PEDIATRIC AIDS CLINICAL TRIALS UNIT	906,665
INSTITUTION TOTAL CITY TOTAL	1 1		906,665 906,665
STATE TOTAL	1		906,665
MARYLAND BALTIMORE UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1U10 EY09608-01 1U10 EY09545-01	DICKERSIN, KAY KELMAN, SHALOM E	BALTIMORE PROFESSIONAL SCHOOL ISCHEMIC OPTIC NEUROPATHY DECOMPRESSION TRIAL ISCHEMIC OPTIC NEUROPATHY DECOMPRESSION TRIAL	638,921 281,332
INSTITUTION TOTAL CITY TOTAL	2 2		920,253 920,253
STATE TOTAL	2		920,253

COOPERATIVE AGREEMENTS
NIH

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS WORCESTER UNIVERSITY OF MASSACHUSETTS 1U01 AI32907-01	SULLIVAN, JOHN L	WESTERN NEW ENGLAND PEDIATRIC ACTU	1,003,644
INSTITUTION TOTAL	1		1,003,644
CITY TOTAL	1		1,003,644
STATE TOTAL	1		1,003,644

NEW YORK NEW YORK BRONX-LEBANON HOSPITAL CENTER 1U01 AI32914-01	WIZNIA, ANDREW A	BRONX-LEBANON PEDIATRIC ACTU	239,530
INSTITUTION TOTAL	1		239,530
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN 1U01 AI32779-01	CHIRGWIN, KEITH D		1,243,341
INSTITUTION TOTAL	1		1,243,341
CITY TOTAL	2		1,482,871
STATE TOTAL	2		1,482,871

OHIO CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER 1U01 HL48941-01	MORRISON, JOHN A	NHLBI GROWTH AND HEALTH STUDY EXTENSION	469,260
INSTITUTION TOTAL	1		469,260
UNIVERSITY OF CINCINNATI AT CINCINNATI 1U10 CA56293-01	HYAMS, DAVID M	PRIMARY BREAST AND COLORECTAL CANCER THERAPY GROUP-NSABP	99,649
INSTITUTION TOTAL	1		99,649
CITY TOTAL	2		568,909
STATE TOTAL	2		568,909

PENNSYLVANIA PHILADELPHIA CHILDREN'S HOSPITAL OF PHILADELPHIA 1U01 AI32921-01	STARR, STUART E	PHILADELPHIA PEDIATRIC AIDS CLINICAL TRIAL UNIT	968,604
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NIH
COOPERATIVE AGREEMENTS

DOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

INSTITUTION TOTAL	1	968,604
CITY TOTAL	1	968,604
STATE TOTAL	1	968,604

TENNESSEE MEMPHIS ST. JUDE CHILDREN'S RESEARCH HOSPITAL 1U01 AI32908-01	HUGHES, WALTER T	EXPANSION OF THE PEDIATRIC AIDS CLINICAL TRIAL UNIT	589,961
INSTITUTION TOTAL	1	589,961	589,961
CITY TOTAL	1	589,961	589,961
STATE TOTAL	1	589,961	589,961

PUERTO RICO SAN JUAN UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES 1U01 AI32906-01	DIAZ, CLEMENTE	UPR CHILDRENS HOSPITAL AIDS CLINICAL TRIAL UNIT	1,021,093
INSTITUTION TOTAL	1	1,021,093	1,021,093
CITY TOTAL	1	1,021,093	1,021,093
STATE TOTAL	1	1,021,093	1,021,093
TOTAL	18	11,425,235	11,425,235

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA BERKELEY			
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1F32 AG05585-01 BECKMAN, KENNETH B		BIOCHEMISTRY	14,492
1F32 AR08189-01 FARLEY, CLAIRE T		PHYSIOLOGY	21,600
1F32 AI08613-01 IKEDA, TIMOTHY P		MOLECULAR BIOLOGY	22,700
1F32 GM14803-01 LYU, PING-CHIANG		BIOPHYSICS	21,600
1F32 NS09182-01 NONET, MICHAEL L		NEUROBIOLOGY	29,900
1F32 GM15203-01 SHEETS, MICHAEL D		DEVELOPMENTAL BIOLOGY	28,600
1F32 CA09278-01 NYMAN, CLAIRE L		MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL	7	161,592	
CITY TOTAL		161,592	
DAVIS			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1F32 ES05578-01 LAKRITZ, JEFFREY		EXPERIMENTAL PATHOLOGY	32,500
INSTITUTION TOTAL	1	32,500	
CITY TOTAL	1	32,500	
LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1F32 HD07596-01 ALEXANDER, GERIANNE M		PSYCHIATRY	22,700
1F32 NS09192-01 FOSTER, LYNDON M		NEUROBIOLOGY	21,600
1F32 CA09306-01 KANE, ROBERT R		ORGANIC CHEMISTRY	22,700
1F32 NS09176-01 MOSCONI, TONY M		NEUROBIOLOGY	22,700
INSTITUTION TOTAL	4	89,700	
UNIVERSITY OF SOUTHERN CALIFORNIA			
1F32 AG05589-01 MORGAN, TODD E		ENDOCRINOLOGY	22,700
1F32 CA09294-01 SCHUUR, ERIC R		MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL	2	45,400	
CITY TOTAL	6	135,100	
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
1F32 EY06405-01 CHEN, JEANNIE		IMMUNOLOGY	22,700
1F32 GM15204-01 COLEMAN, THOMAS R		CELL BIOLOGY	51,200
1F32 EY06412-01 CONNOR, CHARLES E		INSECT ECOLOGY	28,600

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA PASADENA CALIFORNIA INSTITUTE OF TECHNOLOGY 1F32 GM15237-01 1F32 CA09082-01A1	NOWAK, MARK W SMILEY, JEAN K	PHARMACOLOGY MOLECULAR BIOLOGY	21,600 29,900
INSTITUTION TOTAL	5		134,000
CITY TOTAL	5		134,000
SAN DIEGO SALK INSTITUTE FOR BIOLOGICAL STUDIES 1F32 HD07582-01	GADDY-KURTEN, DANA	ENDOCRINOLOGY	21,600
INSTITUTION TOTAL	1		21,600
SCRIPPS CLINIC AND RESEARCH FOUNDATION--SCRIPPS	CISMOWSKI, MARY J ENGEL, L DAVID GREGORIO, CAROL C HORMIA, MARKETTA MELIA, KATHLEEN R POND, LESLIE TISDALE, ELLEN J WATKINS, JEFFRY D	RESEARCH INSTITUTE MOLECULAR BIOLOGY ORAL BIOLOGY CELL BIOLOGY MOLECULAR BIOLOGY NEUROBIOLOGY IMMUNOBIOLOGY CELL BIOLOGY BIOCHEMISTRY	22,700 35,300 21,600 35,300 21,600 22,700 29,900 22,700
INSTITUTION TOTAL	8		211,800
UNIVERSITY OF CALIFORNIA AT SAN DIEGO 1F32 GM15279-01 1F32 NS09096-01A1 1F32 HL08634-01 1F32 GM15093-01 1F05 TW04692-01	BARBOUR, SUZANNE E CLENDENING, BEVERLY HELMER, GREGORY A REACH, MICHAEL D TORRES-FILHO, IVO P	MOLECULAR BIOLOGY NEUROBIOLOGY PHYSIOLOGY DEVELOPMENTAL BIOLOGY PHYSIOLOGY	28,600 28,600 31,200 21,600 35,300
INSTITUTION TOTAL	5		145,300
CITY TOTAL	14		378,700
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1F32 GM15145-01 1F32 NS09171-01 1F31 NR06735-01 1F32 NS09166-01	BICKNESE, STEPHEN E HARDY, STEPHEN F JAYNE, RAE L ROONEY, WILLIAM D	BIOPHYSICS NEUROBIOLOGY NURSING NEUROBIOLOGY	22,700 29,900 12,800 22,700

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1F32 HL08603-01 SCHNAPP, LYNN M 1F32 HL08609-01 SIMONININI, AMERICO A 1F32 NS09172-01 SUGIYAMA, JANICE E 1F32 GM15177-01 WEITZ, SANDRA R		BIOLOGY PHYSIOLOGY NEUROBIOLOGY PHARMACOLOGY	32,500 29,900 21,600 31,200
INSTITUTION TOTAL CITY TOTAL	8	203,300	203,300
SANTA CRUZ UNIVERSITY OF CALIFORNIA AT SANTA CRUZ 1F33 HD07584-01 KENSINGER, RONALD S		REPRODUCTIVE PHYSIOLOGY	19,316
INSTITUTION TOTAL CITY TOTAL	1	19,316	19,316
STANFORD STANFORD UNIVERSITY 1F32 EY06418-01 AMES, JAMES B 1F32 GM15246-01 CHATTORAJ, MITA 1F33 DK08763-01 ECCLES, THOMAS R 1F32 HL08639-01 HOMANICS, GREGG E 1F32 GM15141-01 O'BRIEN, MELANIE C		SOCIAL CHANGE AND DISORGANIZATION PHYSICAL CHEMISTRY ENDOCRINOLOGY GENETICS MOLECULAR BIOLOGY	21,600 21,600 35,300 21,600 21,600
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	5 5 47	121,700 121,700 186,208	121,700 121,700 186,208
COLORADO BOULDER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER 1F32 NS09169-01 FORDYCE, DIANA E 1F32 AG05579-01 GOODMAN, LAURIE E		AGING PROCESS AGING PROCESS	22,700 21,600
INSTITUTION TOTAL CITY TOTAL	2 2	44,300 44,300	44,300 44,300
DENVER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER 1F32 DK08730-01 FISH, EILEEN M		CELL BIOLOGY	29,900

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1	29,900	22,700
COLORADO FORT COLLINS COLORADO STATE UNIVERSITY 1F32 NS09120-01A1	STRECKER, GEORGE J	NEUROBIOLOGY	
INSTITUTION TOTAL CITY TOTAL	1	22,700	
STATE TOTAL	4	96,900	
CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER 1F32 DC00088-01	FORMAKER, BRADLEY K	PHYSIOLOGY	22,700
INSTITUTION TOTAL CITY TOTAL	1	22,700	
NEW HAVEN YALE UNIVERSITY 1F32 GM15193-01 1F32 HL08624-01	KIM, YOUNGCHANG ZITNIK, RALPH J	BIOPHYSICS INTERNAL MEDICINE	22,700 35,300
INSTITUTION TOTAL CITY TOTAL	2	58,000	
STATE TOTAL	3	80,700	
DIST OF COL WASHINGTON CARNEGIE INSTITUTION OF WASHINGTON, D. C. 1F32 GM15119-01	GUACCI, VINCENT A	GENETICS	22,700
INSTITUTION TOTAL CITY TOTAL	1	22,700	
STATE TOTAL	1	22,700	

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
FLORIDA GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1F32 HD07595-01	VACCARELLO-CRUZ, MARY A	ENDOCRINOLOGY	35,300
INSTITUTION TOTAL	1		35,300
CITY TOTAL			35,300
MIAMI UNIVERSITY OF MIAMI 1F32 EY06406-01 1F32 ES05567-01	KOSIEWICZ, MICHELE M REIN, KATHLEEN S	BIOLOGY BIOCHEMISTRY	21,600 22,700
INSTITUTION TOTAL	2		44,300
CITY TOTAL			44,300
TALLAHASSEE STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY 1F32 GM14336-01A1	SANG, QING-XIANG	MOLECULAR BIOLOGY	28,600
INSTITUTION TOTAL	1		28,600
CITY TOTAL			28,600
STATE TOTAL	4		108,200
GEORGIA ATHENS UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA 1F06 TW01783-01	LEE, JOHN W	BIOPHYSICS	8,517
INSTITUTION TOTAL	1		8,517
CITY TOTAL			8,517
ATLANTA EMORY UNIVERSITY 1F32 CA09275-01 1F31 GM15183-01 1F32 HL08638-01 1F32 HL08615-01 1F32 HL08606-01	COLLART, DAVID G GILBERT, LISA D LEGGETT, CHRISTOPHER J VENEMA, RICHARD C WICK, KYLE L	MOLECULAR BIOLOGY EPIDEMIOLOGY BIOCHEMISTRY PEDIATRIC INFECTIOUS DISEASES PEDIATRIC INFECTIOUS DISEASES	22,700 24,312 32,500 22,700 22,700
INSTITUTION TOTAL	5		124,912

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
GEORGIA ATLANTA MOREHOUSE SCHOOL OF MEDICINE 1F32 DE05618-01	LASSITER, MAUREEN O	ORAL BIOLOGY	22,700
INSTITUTION TOTAL	1	22,700	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA STATE UNIVERSITY 1F31 NR06754-01	SUSAN L. SMITH	NURSING	12,800
INSTITUTION TOTAL	1	12,800	
CITY TOTAL	7	160,412	
AUGUSTA UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA 1F31 NR06615-01A1	GUILLORY, JOYCE A.	NURSING	12,800
INSTITUTION TOTAL	1	12,800	
CITY TOTAL	1	12,800	
STATE TOTAL	9	181,729	
ILLINOIS CHICAGO UNIVERSITY OF CHICAGO 1F32 GM14745-01 1F32 HL08636-01	NATHAN, DEBRA F. NEELEY, SCOTT P.	MOLECULAR BIOLOGY BIOLOGY	22,700 31,200
INSTITUTION TOTAL	2	53,900	
UNIVERSITY OF ILLINOIS AT CHICAGO 1F32 HD07597-01 1F32 EY06377-01A1	O'DAY-BOWMAN, MARY B. PERLMAN, JAY I.	REPRODUCTIVE PHYSIOLOGY CELL BIOLOGY	22,700 35,300
INSTITUTION TOTAL	2	58,000	
CITY TOTAL	4	111,900	
EVANSTON NORTHWESTERN UNIVERSITY 1F32 HL08641-01 1F32 NS09048-01A1	BARRY, CATHERINE P. LIGHTCAP, ERIC S.	WATER POLLUTION CONTROL : ENGINEERING BIOCHEMISTRY	21,600 22,700
INSTITUTION TOTAL	2	44,300	
CITY TOTAL	2	44,300	

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
STATE TOTAL	6		156,200
INDIANA BLOOMINGTON INDIANA UNIVERSITY AT BLOOMINGTON 1F32 GM15258-01	ALLEN, JAMES O	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL CITY TOTAL	1 1	21,600 21,600	
STATE TOTAL	1	21,600	
IOWA IOWA CITY UNIVERSITY OF IOWA 1F31 NR06755-01 1F32 HD07555-01 1F05 TW04655-01	KRAUS, VICKI L ROBERSON, MARK S SANCHEZ, JESUS	NURSING DENTAL MATERIALS ENDOCRINOLOGY	12,800 28,600 29,900
INSTITUTION TOTAL CITY TOTAL	3 3	71,300 71,300	
STATE TOTAL	3	71,300	
KANSAS KANSAS CITY UNIVERSITY OF KANSAS MEDICAL CENTER 1F32 HD07502-01A1	ROBY, KATHERINE F	ENDOCRINOLOGY	29,900
INSTITUTION TOTAL CITY TOTAL	1 1	29,900 29,900	
STATE TOTAL	1	29,900	
LOUISIANA NEW ORLEANS LOUISIANA STATE UNIVERSITY-UNIVERSITY OF NEW ORLEANS 1F06 TW01805-01	MAY, JAMES G	EXPERIMENTAL AND GENERAL PSYCHOLOGY	22,604
INSTITUTION TOTAL CITY TOTAL	1 1	22,604 22,604	
STATE TOTAL	1	22,604	

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MARYLAND BALTIMORE			
JOHNS HOPKINS UNIVERSITY 1F32 GM15170-01 1F32 DK08765-01 1F32 HL08616-01 1F32 NS09201-01 1F32 DK08725-01	BUECHNER, MATTHEW J CHOI, MARY E LEFER, DAVID J NORRIS, CAROLYN R SCHWINDINGER, WILLIAM F	DEVELOPMENTAL BIOLOGY CELL BIOLOGY PHYSIOLOGY NEUROBIOLOGY MUTAGENESIS	28,600 35,300 21,600 22,700 31,200
INSTITUTION TOTAL	5		139,400
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE ON DRUG ABUSE 1F05 TW04668-01	GONZALEZ, ANTONIO M		33,800
INSTITUTION TOTAL	1		33,800
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL 1F32 AI08640-01 1F33 AG05584-01	COMSTOCK, LAURIE E ECKERT, J KEVIN	MOLECULAR BIOLOGY ANTHROPOLOGY	21,600 35,300
INSTITUTION TOTAL	2		56,900
CITY TOTAL	8		230,100
BETHESDA			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT 1F35 HD07629-01 1F35 HD07654-01	PATTERSON, LARRY T XUANZHU XIE,	VIROLOGY ENDOCRINOLOGY	34,300 31,500
INSTITUTION TOTAL	2		65,800
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH 1F32 CA09162-01A1	KING, LESLIE B	IMMUNOLOGY	27,600
INSTITUTION TOTAL	1		27,600
CITY TOTAL	3		93,400
COLLEGE PARK UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS 1F32 GM14988-01	MAZUR, PAUL M	BIOCHEMISTRY	21,600
INSTITUTION TOTAL	1		21,600
CITY TOTAL	1		21,600

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MARYLAND FREDERICK U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--FREDERICK CANCER RESEARCH FACILITY 1F32 GM15111-01	BEDELL, MARY A	GENETICS	27,600
INSTITUTION TOTAL	1		27,600
CITY TOTAL	1		27,600
STATE TOTAL	13		372,700
MASSACHUSETTS AMHERST COLLEGE 1F32 GM14692-01A1	TUROWSKI, PETRA N	INORGANIC CHEMISTRY	22,700
INSTITUTION TOTAL	1		22,700
CITY TOTAL	1		22,700
BOSTON BRIGHAM AND WOMEN'S HOSPITAL 1F32 HL08622-01	ERATTY, ARI M	BIOCHEMISTRY	33,800
1F32 DK08733-01	LANDAU, STEVEN B	IMMUNOLOGY	32,500
1F05 TW04685-01	MAKI, TINA M	BIOCHEMISTRY	33,800
1F32 DK08722-01	POLLAK, MARTIN R	GENETICS	29,900
1F32 DK08753-01	TSENG, CHI-CHUAN	MOLECULAR BIOLOGY	35,300
INSTITUTION TOTAL	5		165,300
HARVARD UNIVERSITY 1F32 GM15278-01	DUFFY, JOSEPH B	MOLECULAR BIOLOGY	21,600
1F32 GM15242-01	HARTZOG, GRANT A	GENETICS	21,600
1F32 HD07607-01	PAYNE, JENNIFER	DEVELOPMENTAL BIOLOGY	22,700
1F05 TW04745-01	PITHER, RICHARD J	CELL BIOLOGY	24,000
1F32 CA09235-01A1	STEINMANN, KATHLEEN E	MOLECULAR BIOLOGY	28,600
1F32 EY06407-01	STEPHENSON, ROBERT C	BIOCHEMISTRY	21,600
INSTITUTION TOTAL	6		140,100
MASSACHUSETTS GENERAL HOSPITAL 1F32 DK08751-01	IIDA-KLEIN, AKIKO	ENDOCRINOLOGY	28,600
1F32 DK08738-01	KATZNELSON, LAURENCE	ENDOCRINOLOGY	33,800
1F32 HG00073-01	SLAUGENHAUPT, SUSAN A	NEUROLOGY	22,700
INSTITUTION TOTAL	3		85,100
CITY TOTAL	14		390,500

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MASSACHUSETTS HARVARD UNIVERSITY 1F32 GM14998-01 1F32 GM15107-01 1F32 GM15275-01 1F32 GM14964-01	DIMILLA, PAUL A MC GOVERN, KAREN J PAIGE, LISA A SIMON, JULIAN A	ORGANIC CHEMISTRY DEVELOPMENTAL BIOLOGY BIOCHEMISTRY MEDICINAL/PHARMACEUTICAL CHEMISTRY	21,600 22,700 21,600 21,600
INSTITUTION TOTAL	4	87,500	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 1F32 CA09238-01 1F32 CA09298-01 1F32 CA09234-01A1 1F32 GM15206-01	BROWN, STEVEN J CARTER, MARY B CHOW, CHRISTINE S TON, CARL C	PHARMACOLOGY MEDICINAL/PHARMACEUTICAL CHEMISTRY PHARMACOLOGY MOLECULAR BIOLOGY	28,600 21,600 21,600 21,600
INSTITUTION TOTAL	4	93,400	
CITY TOTAL	8	180,900	
NEWTON BOSTON COLLEGE 1F31 NR06739-01	CARROLL, DIANE L	NURSING	12,800
INSTITUTION TOTAL	1	12,800	
CITY TOTAL	1	12,800	
SHREWSBURY WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC. 1F32 GM14804-01	PAZOUR, GREGORY J	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL	1	21,600	
CITY TOTAL	1	21,600	
WALTHAM BRANDEIS UNIVERSITY 1F33 GM15044-01	HEAD, JAMES F	BIOPHYSICS	35,300
INSTITUTION TOTAL	1	35,300	
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION 1F32 NS09167-01	MAHANTHAPPA, NAGESH K	NEUROBIOLOGY	21,600
INSTITUTION TOTAL	1	21,600	
CITY TOTAL	2	56,900	

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MASSACHUSETTS WORCESTER UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER 1F32 AR08211-01	KISLAUSKIS, EDWARD H	CELL BIOLOGY	21,600
INSTITUTION TOTAL	1		21,600
CITY TOTAL	1		21,600
STATE TOTAL	28		707,000
MICHIGAN ANN ARBOR	UNIVERSITY OF MICHIGAN AT ANN ARBOR		
1F32 DK08737-01	ARGETSINGER, LAWRENCE S	ENDOCRINOLOGY	22,700
1F32 AI08652-01	BUNNELL, BRUCE A	VIROLOGY	22,700
1F32 AR08220-01	HAFTEL, HILARY M	IMMUNOLOGY	32,500
1F32 DK08729-01	JAFFE, CRAIG A	ENDOCRINOLOGY	32,500
1F32 HG00067-01	TAGLE, DANILO A	INTERNAL MEDICINE	22,700
INSTITUTION TOTAL	5		133,100
CITY TOTAL	5		133,100
DETROIT WAYNE STATE UNIVERSITY	KIM, HYESOOK S	TOXICOLOGY	28,600
1F32 ES05577-01	MILLER, ORLANDO J	GENETICS	24,348
1F06 TW01823-01			
INSTITUTION TOTAL	2		52,948
CITY TOTAL	2		52,948
STATE TOTAL	7		186,048
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA TWIN CITIES	OLSON, LAWRENCE K	ENDOCRINOLOGY	21,600
1F32 DK08742-01	WIESNER, GEORGIA L	MOLECULAR BIOLOGY	33,800
1F32 GM15285-01			
INSTITUTION TOTAL	2		55,400
CITY TOTAL	2		55,400

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RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MINNESOTA ROCHESTER MAYO FOUNDATION 1F32 HL08738-01	FELTS, SARA J	BIOCHEMISTRY	29,900
INSTITUTION TOTAL CITY TOTAL	1	29,900	29,900
STATE TOTAL	3	85,300	

MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY	BOREN, THOMAS B CORBETT, JOHN A HANEY, PETER M MAHAIRAS, GREGORY G SUKUPOLVI, SOILA S	ORAL BIOLOGY BIOCHEMISTRY CELL BIOLOGY MICROBIOLOGY BACTERIOLOGY	
1F05 TW04669-01 1F32 DK08748-01 1F32 DK08754-01 1F32 AI08413-01A2 1F05 TW04705-01			
INSTITUTION TOTAL CITY TOTAL	5	154,100	154,100
STATE TOTAL	5	154,100	

NEBRASKA OMAHA UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER 1F31 CA09332-01	EILERS, JUNE G	NURSING	12,800
INSTITUTION TOTAL CITY TOTAL	1	12,800	12,800
STATE TOTAL	1	12,800	

NEW HAMPSHIRE HANOVER DARTMOUTH COLLEGE	BELL-PEDERSEN, DEBORAH VINCENTI, MATTHEW P	BIOCHEMISTRY MOLECULAR BIOLOGY	22,700 21,600
1F32 GM15185-01 1F32 AR08216-01			
INSTITUTION TOTAL CITY TOTAL	2	44,300	44,300
STATE TOTAL	2	44,300	

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
NEW JERSEY			
NEWARK			
RUTGERS THE STATE UNIVERSITY	NEWARK 1F32 NS09206-01	WACHTEL, STEPHEN R	21,600
INSTITUTION TOTAL	1		21,600
CITY TOTAL	1		21,600
PISCATAWAY			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY	SHULER, RANDY L	ROBERT WOOD JOHNSON MEDICAL SCHOOL	21,600
1F32 ES05568-01		NEUROBIOLOGY	
INSTITUTION TOTAL	1		21,600
CITY TOTAL	1		21,600
PRINCETON			
PRINCETON UNIVERSITY	SAVAGE, CATHY	DEVELOPMENTAL BIOLOGY	21,600
1F32 GM15256-01	STUKEY, JOSEPH E	ENVIRONMENTAL PHYSICAL SCIENCES	22,700
1F32 HD07583-01	SZETO, LISA T	MOLECULAR BIOLOGY	21,600
1F32 GM15142-01			
INSTITUTION TOTAL	3		65,900
CITY TOTAL	3		65,900
STATE TOTAL	5		109,100
NEW YORK			
COLD SPRING HARBOR	LABORATORY	MOLECULAR BIOLOGY	
COLD SPRING HARBOR	KUMAR, SANJAY	CELL BIOLOGY	
1F32 GM15262-01	WON, KWANG-AI		
1F32 CA09292-01			
INSTITUTION TOTAL	2		45,400
CITY TOTAL	2		45,400
ITHACA			
CORNELL UNIVERSITY	ITHACA	REPRODUCTIVE PHYSIOLOGY	21,600
1F32 HD07573-01A1	BELL, MARY E	REPRODUCTIVE PHYSIOLOGY	29,900
1F32 HD07530-01A1	BERNDTSON, AMY K	BIOCHEMISTRY	21,600
1F32 GM14784-01	DODGE, ROBERT W	MOLECULAR BIOLOGY	22,700
1F32 GM15128-01	FUQUA, WILLIAM C		
INSTITUTION TOTAL	4		95,800

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	4	95,800	
NEW YORK NEW YORK AMERICAN HEALTH FOUNDATION 1F06 TW01798-01	STELLMAN, STEVEN D	EPIDEMIOLOGY	13,519
INSTITUTION TOTAL	1	13,519	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1F32 DK08743-01	GORE, ANDREA C	ENDOCRINOLOGY	22,700
INSTITUTION TOTAL	1	22,700	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK 1F32 GM15042-01	CHAPMAN, WILLIAM H	ORGANIC CHEMISTRY	21,600
1F32 DK08756-01	DI GABRIELE, ANNA D	BIOCHEMISTRY	21,600
1F32 HD07605-01	RAVNICK, STUART E	DEVELOPMENTAL BIOLOGY	22,700
1F32 HD07588-01	RUIZ, JOSEPH C	MOLECULAR BIOLOGY	29,900
INSTITUTION TOTAL	4	95,800	
CORNELL UNIVERSITY MEDICAL CENTER 1F32 DK08728-01	DERMER, SHARI J	ENDOCRINOLOGY	21,600
INSTITUTION TOTAL	1	21,600	
MEMORIAL SLOAN-KETTERING CANCER CENTER 1F05 TW04691-01	PALMER, DAVID J	MOLECULAR BIOLOGY	24,800
INSTITUTION TOTAL	1	24,800	
NEW YORK UNIVERSITY 1F32 NS09044-01A1	BORDI, FABIO	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	29,900
INSTITUTION TOTAL	1	29,900	
ROCKEFELLER UNIVERSITY 1F32 NS09170-01	HOLTZMAN, DAVID A	NEUROBIOLOGY	28,600
INSTITUTION TOTAL	1	28,600	
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN 1F32 NS09175-01	STEWART, MARK G	NEUROBIOLOGY	33,800
INSTITUTION TOTAL	1	33,800	

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	11	270,719	
STATE TOTAL	17	411,919	
 NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
1F32 AI08550-01A1	GRIEDER, FRANZiska B	VIROLOGY	35,300
1F32 GM14918-01	MCCUSKER, JAMES K	INORGANIC CHEMISTRY	21,600
INSTITUTION TOTAL	2	56,900	
CITY TOTAL	2	56,900	
 DURHAM			
DUKE UNIVERSITY	BLUM, JACOB J	PARASITOLOGY	31,512
1F06 TW01806-01	CARLSON, NOEL G	NEUROBIOLOGY	21,600
INSTITUTION TOTAL	2	53,112	
CITY TOTAL	2	53,112	
 WINSTON-SALEM			
WAKE FOREST UNIVERSITY	ABRAMSON, JON S	IMMUNOLOGY	15,820
1F06 TW01784-01			
INSTITUTION TOTAL	1	15,820	
CITY TOTAL	1	15,820	
STATE TOTAL	5	125,832	
 OHIO			
CINCINNATI	KUNTZWEILER, THERESA A	MOLECULAR BIOLOGY	21,600
UNIVERSITY OF CINCINNATI AT CINCINNATI			
1F32 HL08612-01			
INSTITUTION TOTAL	1	21,600	
CITY TOTAL	1	21,600	
 CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY	BETHEA, JOHN R	DEVELOPMENTAL BIOLOGY	21,600
1F32 NS09186-01			
INSTITUTION TOTAL	1	21,600	
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APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1	21,600	
OHIO COLUMBUS OHIO STATE UNIVERSITY 1F32 AI08566-01A1	MONAHAN, STEVEN J	VIROLOGY	28,600
INSTITUTION TOTAL CITY TOTAL	1 1	28,600 28,600	
STATE TOTAL	3	71,800	
OREGON PORTLAND GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER 1F32 AR08200-01A1	BEVAN, LESLIE	NEUROBIOLOGY	22,700
INSTITUTION TOTAL	1	22,700	
MEDICAL RESEARCH FOUNDATION OF OREGON 1F32 NS09220-01	BROWN, JULIE A	MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL	1	22,700	
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY 1F32 DK08767-01 1F32 HL08626-01	CARR, DANIEL W LAETHEM, RONALD M	BIOCHEMISTRY BIOCHEMISTRY	22,700 28,600
INSTITUTION TOTAL CITY TOTAL	2 4	51,300 96,700	
STATE TOTAL	4	96,700	
PENNSYLVANIA PHILADELPHIA FOX CHASE CANCER CENTER 1F32 CA09301-01	JOHNSON, STEVEN W	PHARMACOLOGY	22,700
INSTITUTION TOTAL	1	22,700	
THOMAS JEFFERSON UNIVERSITY 1F32 AR08197-01A1	CHESMEL, KATHLEEN D	CELL BIOLOGY	21,600
INSTITUTION TOTAL	1	21,600	
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APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA 1F32 DK08739-01 1F32 NS0193-01 1F32 DK08750-01 1F32 HL08621-01 1F32 DK08732-01 1F32 DK08745-01 1F31 NR06756-01 1F32 GM15059-01	BLEYER, ANTHONY J CARROZZA, DAVID P DANOFF, THEODORE M OKADA, SHUNICHIRO REED, DANIELLE R SHARMA, KUMAR VALLERAND, APRIL H WALKER, GILBERT C	CELL BIOLOGY PHARMACOLOGY IMMUNOLOGY BIOCHEMISTRY MOLECULAR BIOLOGY CELL BIOLOGY NURSING BIOPHYSICS	31,200 21,600 33,800 33,800 28,600 33,800 12,800 21,600
INSTITUTION TOTAL CITY TOTAL	8 10		217,200 261,500
PITTSBURGH UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1F32 CA09149-01A1	SMITH, MARTIN L	MOLECULAR BIOLOGY	28,600
INSTITUTION TOTAL CITY TOTAL	1 1		28,600 28,600
UNIVERSITY PARK PENNSYLVANIA STATE 1F32 HL08562-01A1 1F32 ES05576-01	UNIVERSITY AT UNIVERSITY PARK KUCHAN, MATTHEW J RANEY, KEVIN D	BIOCHEMISTRY CHEMISTRY	22,700 21,600
INSTITUTION TOTAL CITY TOTAL	2 2		44,300 44,300
STATE TOTAL	13		334,400
RHODE ISLAND KINGSTON UNIVERSITY OF RHODE ISLAND 1F31 NR06749-01	ROY, JOANNE F	NURSING	12,800
INSTITUTION TOTAL CITY TOTAL	1 1		12,800 12,800
STATE TOTAL	1		12,800

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
TENNESSEE NASHVILLE VANDERBILT UNIVERSITY 1F32 HD07564-01 1F32 AR08222-01	CROSBY, JEFFREY L OQUIST, NIKI L	DEVELOPMENTAL BIOLOGY MOLECULAR BIOLOGY	21,600 31,200
INSTITUTION TOTAL CITY TOTAL	2	52,800	
STATE TOTAL	2	52,800	
TEXAS AUSTIN UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN 1F32 NS09219-01 1F32 HD07542-01	GODWIN, JOHN R JOHNSON, ANDREW D	NEUROBIOLOGY CLINICAL PATHOLOGY	21,600 22,700
INSTITUTION TOTAL CITY TOTAL	2	44,300	
FORT WORTH TEXAS COLLEGE OF OSTEOPATHIC MEDICINE 1F06 TW01814-01	BARROW, WILLIAM W	BACTERIOLOGY	20,037
INSTITUTION TOTAL CITY TOTAL	1	20,037	
HOUSTON BAYLOR COLLEGE OF MEDICINE 1F32 HD07569-01 1F32 HL08619-01 1F32 NS09196-01 1F32 NS09198-01 1F32 GM14594-01A1 1F32 HL08611-01	ASERMELY-RIVERA, KAREN E FINNIGAN, JAMES P HICKS, BARRY W PETERSON, NANCY L SARGENT, ROY G SCHOWENGERET, KENNETH O	GENETICS BIOCHEMISTRY NEUROBIOLOGY NEUROBIOLOGY GENETICS PHYSIOLOGY	21,600 32,500 21,600 21,600 32,500 35,300
INSTITUTION TOTAL	6	165,100	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON 1F32 DE05620-01 1F32 GM15274-01	CIESLAK, STEPHAN R OLSON, KARI D	PHARMACOLOGY MOLECULAR BIOLOGY	29,900 21,600
INSTITUTION TOTAL	2	51,500	

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
TEXAS HOUSTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER 1F32 HD07568-01A1	WEGNER, CAROLE C	REPRODUCTIVE PHYSIOLOGY	28,600
INSTITUTION TOTAL CITY TOTAL	1 9	28,600 245,200	
STATE TOTAL	12	309,537	

VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE	MOLECULAR BIOLOGY	CELL BIOLOGY	DOLLARS AWARDED
1F32 DC00087-01 1F32 EY06411-01	AHMED, SYEDA M BRONDYK, WILLIAM H		33,800 22,700
INSTITUTION TOTAL CITY TOTAL	2	56,500	
STATE TOTAL	2	56,500	

VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE	ENDOCRINOLOGY	NEUROBIOLOGY	MOLECULAR BIOLOGY	MOLECULAR BIOLOGY	DOLLARS AWARDED
1F32 HD07577-01 1F05 TWO4654-01 1F06 TWO1773-01 1F32 HD07606-01	BENOIT, ALLISON M BIRMAN, SERGE FELDER, ROBIN A LALLIER, THOMAS E				22,700 33,800 47,375 21,600
INSTITUTION TOTAL CITY TOTAL	4	125,475			
		125,475			

RICHMOND VIRGINIA COMMONWEALTH UNIVERSITY	MICROBIOLOGY	DOLLARS AWARDED
1F32 DK08755-01	LJEWSKI, MARK A	
INSTITUTION TOTAL CITY TOTAL	1	28,600 28,600
STATE TOTAL	5	154,075

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
1F32 GM15135-01	KOFF, ANDREW C	MOLECULAR BIOLOGY	22,700
1F32 AR08213-01	OTTEN, ANNE D	DEVELOPMENTAL BIOLOGY	22,700
1F32 CA09248-01	TIETJE, KATHLEEN M	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL	3		67,000
UNIVERSITY OF WASHINGTON			
1F32 HL08608-01	HOCKERMAN, GREGORY H	PHARMACOLOGY	21,600
1F32 GM15106-01	KELLER, ANDREW D	MOLECULAR BIOLOGY	22,700
1F32 AI08626-01	LAWRENCE, OWEN T	IMMUNOLOGY	21,600
1F32 DK08741-01	MC CARTY, JOHN M	MOLECULAR BIOLOGY	32,500
1F06 TW01834-01	ROSENBLATT, ROGER A	HEALTH ADMINISTRATION AND PUBLIC HEALTH NURSING	46,690
1F32 NS09188-01	STROWBRIDGE, BEN W	NEUROBIOLOGY	22,700
INSTITUTION TOTAL	6		167,790
VIRGINIA MASON RESEARCH CENTER			
1F32 AI08446-01A1	SHEWEY, LINDA M	IMMUNOLOGY	31,200
1F32 AR08172-01	VEHE, RICHARD K	IMMUNOLOGY	33,800
INSTITUTION TOTAL	2		65,000
CITY TOTAL	11		299,790
STATE TOTAL	11		299,790
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1F32 CA09273-01	CANTORNA, MARGHERITA T	PHARMACOLOGY	22,700
1F32 GM15045-01	GOEKJIAN, PETER G	ORGANIC CHEMISTRY	22,700
1F32 NS09180-01	KARPILOW, JON M	NEUROBIOLOGY	21,600
INSTITUTION TOTAL	3		67,000
CITY TOTAL	3		67,000
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
1F32 DK08676-01A1	IMIG, JOHN D	PHYSIOLOGY	22,700
INSTITUTION TOTAL	1		22,700

**NIH
RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
WISCONSIN MILWAUKEE UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE 1F31 NR06738-01	KELLY-POWELL, MARY L		12,800
INSTITUTION TOTAL	1		12,800
CITY TOTAL	2		35,500
STATE TOTAL	5		102,500

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CANADA VANCOUVER UNIVERSITY OF BRITISH COLUMBIA 1F32 EY06417-01	GOLDBERG, ANDREW F	BIOCHEMISTRY	19,380
INSTITUTION TOTAL	1		19,380
CITY TOTAL	1		19,380
STATE TOTAL	1		19,380
FRANCE NOGENT-SUR-MARNE NATIONAL CENTER FOR SCIENTIFIC RESEARCH--INSTITUTE OF EMBRYOLOGY 1F33 NS09164-01	GONATAS, NICHOLAS K	NEUROBIOLOGY	19,150
INSTITUTION TOTAL	1		19,150
CITY TOTAL	1		19,150
STATE TOTAL	1		19,150
TOTAL	226		5,716,572

**NIH
RESEARCH CAREER PROGRAM AWARDS**

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
ALASKA FAIRBANKS UNIVERSITY OF ALASKA SYSTEM--UNIVERSITY OF ALASKA FAIRBANKS 1K04 HD00973-01	BARNES, BRIAN M	ENDOCRINE RESPONSIVENESS IN HETROTHERMIC MAMMALS	70,200
INSTITUTION TOTAL CITY TOTAL	1	70,200	
STATE TOTAL	1	70,200	
CALIFORNIA LOS ANGELES UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1K04 GM00594-01 1K08 HL02723-01	MERCHANT, SABEEHA WETZEL, GLENN T	CU-REGULATED GENE EXPRESSION & METALLOPROTEIN SYNTHESIS CALCIUM AND CELL CONTRACTION IN THE DEVELOPING HEART	61,782 78,164
INSTITUTION TOTAL	2	139,946	
UNIVERSITY OF SOUTHERN CALIFORNIA 1K01 AG00544-01 1K08 NS01568-01	ADER, MARILYN GRAFTON, SCOTT T	ETIOLOGY OF THE GLUCOSE INTOLERANCE OF AGING FUNCTIONAL ANATOMY OF PATTERNED HUMAN MOTOR CONTROL	89,549 80,325
INSTITUTION TOTAL CITY TOTAL	2 4	169,874 309,820	
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1K08 HL02695-01 1K11 HL02711-01 1K08 HL02446-01A2 1K15 DE00334-01 1K11 HL02571-01A1	BRISTOW, JAMES D GAENSLER, KARIN L MINOTTI, JOHN R MIYASAKI, SHELLY H MUSLIN, ANTHONY J	NOVEL EXTRACELLULAR MATRIX PROTEIN IN FETAL HEART ANALYSIS OF B GLOBIN LOCUS REGULATION BY YAC TRANSFER EXERCISE INTOFLUENCE IN CONGESTIVE HEART FAILURE PATHOGENIC GENE EXPRESSION IN CANDIDA ALBICANS PDGF RECEPTOR FUNCTION IN EMBRYONIC DEVELOPMENT	72,910 73,980 70,740 80,220 73,170
INSTITUTION TOTAL CITY TOTAL	5	371,020 371,020	
STANFORD UNIVERSITY 1K11 AI01056-01 1K08 HL02719-01 1K08 NS01559-01	COUTRE, STEVEN E LAUER, MICHAEL R SNIPES, GEORGE J	FUNCTIONAL CONSEQUENCES OF NATURAL HIV-1 ENV GENE DIVERS STRUCTURAL DETERMINANTS OF POTASSIUM CHANNEL FUNCTION REGULATION OF NERVE INJURY AND REPAIR	70,883 80,892 80,892
INSTITUTION TOTAL CITY TOTAL	3	232,667 232,667	

GRANT NUMBER	AWARDEE	NIH RESEARCH CAREER PROGRAM AWARDS		DOLLARS AWARDED
		STATE TOTAL	PRINCIPAL AREA OF RESEARCH	
CONNECTICUT NEW HAVEN YALE UNIVERSITY 1K11 HD00976-01	LOU, LILY J		NEURAL DEFORMED REGULATION IN DROSOPHILA AND VERTEBRATES	83,588
INSTITUTION TOTAL CITY TOTAL	1	83,588		83,588
STATE TOTAL	1	83,588		83,588
DIST OF COL WASHINGTON UNIVERSITY GEORGETOWN UNIVERSITY 1K01 AG00547-01 1K11 CA01626-01	COHEN-MANSFIELD, JISKA CONRAD, MELISSA		TREATMENT OF AGITATION IN AGED PEOPLE HUMAN PAPILLOMAVIRUS E5 PROTEINS	87,293 94,230
INSTITUTION TOTAL CITY TOTAL	2	181,523		181,523
STATE TOTAL	2	181,523		181,523
FLORIDA GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1K11 CA01651-01 1K04 DE00336-01	BALLINGER, JAMES R PROGULSKIE-FOX, ANN		THERAPY MONITORING OF OSTEOSARCOMA WITH PROTON MRS SURFACE ANTIGENS OF ORAL BACTERIOMIDS SPECIES	57,037 69,801
INSTITUTION TOTAL CITY TOTAL	2	126,838		126,838
TAMPA STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA 1K08 DC00049-01A1	HNATH-CHISOLM, THERESA E		SPEECH PERCEPTION TRAINING IN DEAF CHILDREN	73,559
INSTITUTION TOTAL CITY TOTAL	1	73,559		73,559
STATE TOTAL	3	200,397		

**NIH
RESEARCH CAREER PROGRAM AWARDS**

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
GEORGIA ATLANTA UNIVERSITY SYSTEM OF GEORGIA--GEORGIA STATE UNIVERSITY 1K04 DC00074-01 CLARKSON, MARSHA G		DETERMINANTS OF AUDITORY PROCESSING DURING INFANCY	64,204
INSTITUTION TOTAL CITY TOTAL	1		64,204
STATE TOTAL	1		64,204

ILLINOIS CHICAGO RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER 1K08 AR01878-01	BLOCK, JOEL A	CHARACTERIZATION OF HUMAN CHONDROCYTIC KERATAN SULFATES	75,520
INSTITUTION TOTAL CITY TOTAL	1		75,520
STATE TOTAL	1		75,520

INDIANA INDIANAPOLIS INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS 1K08 HL02721-01	CLAPP, DAVID W	IN UTERO TRANSDUCTION OF FETAL HEMATOPOIETIC STEM CELLS	79,315
INSTITUTION TOTAL CITY TOTAL	1		79,315

WEST LAFAYETTE PURDUE UNIVERSITY WEST LAFAYETTE 1K08 DC00073-01	KELLY, ELLEN M	DIAGNOSING STUTTERING--INTEGRATING PHYSIOLOGIC MEASURES	70,429
INSTITUTION TOTAL CITY TOTAL	1		70,429
STATE TOTAL	2		149,744

IOWA IOWA CITY UNIVERSITY OF IOWA 1K08 HL02633-01A1	DELISLE, SYLVAIN	INOSITOL PHOSPHATE AND CA2+ SIGNALLING IN XENOPUS OOCYTE	77,760
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GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH		DOLLARS AWARDED
		RESEARCH	CAREER PROGRAM AWARDS	
IOWA IOWA CITY UNIVERSITY OF IOWA 1K08 HL02559-01A1 1K04 HD00968-01	HORNICK, DOUGLAS B SEGALOFF, DEBORAH L	FIMBRIAL ADHERENCE TO LUNG EPITHELIA BY KLEBSIELLA GONADOTROPIN RECEPTORS		77,640 66,420
INSTITUTION TOTAL CITY TOTAL	3	221,820 221,820		
STATE TOTAL	3	221,820		
KENTUCKY LEXINGTON UNIVERSITY OF KENTUCKY 1K04 AG00553-01	SNOWDON, DAVID A	EPIDEMIOLOGY OF AGING AND ALZHEIMER'S DISEASE	64,671	64,671
INSTITUTION TOTAL CITY TOTAL	1	64,671 64,671		
STATE TOTAL	1	64,671		
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1K08 HL02642-01A1 1K11 DK02084-01 1K11 HL02693-01 1K11 CA01622-01 1K11 CA01620-01 1K11 DK02069-01 1K08 AI01070-01	APPEL, LAWRENCE J BRANT, STEVEN R EMALA, CHARLES KATO, GREGORY J KUERBITZ, STEVEN J ROWE, WILLIAM A TUCKER, PAMELA C	AMBULATORY BLOOD PRESSURE AND CARDIOVASCULAR RISK CLONING & EXPRESSION OF HUMAN EPITHELIAL NA/H EXCHANGERS G PROTEIN REGULATION - ADENYLYL CYCLASE IN AIRWAY MUSCLE THE TRANSCRIPTIONAL ACTIVATION DOMAIN OF C-MYC PROTEIN REGIONAL HYPERMETHYLATION IN HUMAN HEMATOPOIESIS UPTAKE OF SHORT CHAIN FATTY ACIDS BY COLONOCYTES ACUTE ALPHAVIRUS ENCEPHALITIS	79,313 54,567 79,380 90,084 66,313 54,567 79,315	
INSTITUTION TOTAL	7	503,539		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL 1K15 DE00328-01	DURKEE, MARK C	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOL DENIST SCIENTIST AWARD - INDIVIDUAL		95,891
INSTITUTION TOTAL CITY TOTAL	1	95,891 599,430		
STATE TOTAL	8	599,430		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
MASSACHUSETTS BETH ISRAEL HOSPITAL 1K11 HL02696-01	SCHAFFER, JEAN E	MOLECULAR MECHANISM OF LONG CHAIN FREE FATTY ACID UPTAKE	87,505
INSTITUTION TOTAL	1		87,505
BRIGHAM AND WOMEN'S HOSPITAL 1K08 HL02580-01A1	VITA, JOSEPH A	CHARACTERISTICS OF CORONARY ARTERY CONSTRICTION	79,920
INSTITUTION TOTAL	1		79,920
CHILDREN'S HOSPITAL 1K08 NS01561-01	HELMERS, SANDRA L	DEVELOPING CORTICAL MAGNETIC STIMULATION FOR PEDIATRICS	77,220
INSTITUTION TOTAL	1		77,220
HARVARD UNIVERSITY 1K08 DC00071-01	TRAMO, MARK J	FUNCTIONAL ANATOMY OF AUDITORY CORTEX	79,011
INSTITUTION TOTAL	1		79,011
MASSACHUSETTS GENERAL HOSPITAL 1K08 AR01874-01 1K11 CA01578-01	GALLO, RICHARD L MORRISON, BRIGGS W	STRUCTURE/FUNCTION ANALYSIS OF SYNDECAN STRUCTURE FUNCTION ANALYSIS OF IL4 AND ITS RECEPTOR	88,166 77,450
INSTITUTION TOTAL	2		165,616
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. 1K08 AI01068-01 1K11 AI01069-01 1K08 CA01574-01A1	DEGROOT, ANNE S MCFARLAND, THOMAS A WEITZEL, JEFFREY N	REACTIVATION TUBERCULOSIS IN HIV INFECTION LYMPHOMAS IN SCID MICE ENGRAFTED WITH HIV-1 LYMPHOCYTES CHARACTERIZATION OF THE HRAS1 GENE CLUSTER	75,060 76,140 75,497
INSTITUTION TOTAL	3		226,697
ST. ELIZABETH'S HOSPITAL OF BOSTON 1K08 HL02720-01	HASSOUN, HANI	ANKYRIN MUTATIONS IN HEREDITARY SPHEROCYTOSIS	70,675
INSTITUTION TOTAL	1		70,675
TUFTS UNIVERSITY 1K11 DK02077-01	MULBERG, ANDREW E	INTRACELLULAR CHLORIDE CHANNELS: STRUCTURE AND FUNCTION	66,096
INSTITUTION TOTAL	1		66,096
CITY TOTAL	11		852,740
STATE TOTAL	11		852,740

GRANT NUMBER	AWARDEE	NIH RESEARCH CAREER PROGRAM AWARDS		DOLLARS AWARDED
		PRINCIPAL AREA OF RESEARCH		
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1K08 HL02728-01	FAY, WILLIAM P	STRUCTURE/FUNCTION IN PLASMINOGEN ACTIVATOR INHIBITOR-1		79,880
INSTITUTION TOTAL CITY TOTAL	1	79,880		79,880
DETROIT WAYNE STATE UNIVERSITY 1K14 HL02748-01	BROWN, RICARDO A	MECHANISMS OF ETHANOL-INDUCED CARDIAC DYSFUNCTION		65,565
INSTITUTION TOTAL CITY TOTAL	1	65,565		65,565
STATE TOTAL	2	145,445		
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA TWIN CITIES 1K08 NS01540-01	GOMEZ, CHRISTOPHER M	TRANSGENE EXPRESSION OF EMBRYONIC ACETYLCHOLINE RECEPTOR		81,001
INSTITUTION TOTAL CITY TOTAL	1	81,001		81,001
ROCHESTER MAYO FOUNDATION 1K08 NS01562-01	KHOSLA, SUNDEEP	MOLECULAR BIOLOGY OF NEUROENDOCRINE CELL DIFFERENTIATION		77,112
INSTITUTION TOTAL CITY TOTAL	1	77,112		77,112
STATE TOTAL	2	158,113		
MISSOURI SAINT LOUIS JEWISH HOSPITAL OF ST. LOUIS 1K08 HL02716-01 1K08 HL02709-01	BOSNER, MATTHEW S LINK, DANIEL C	HUMAN INTESTINAL CELL CHOLESTEROL ESTERASE RECEPTOR C-FGR GENE REGULATION IN NORMAL AND LEUKEMIC BLOOD CELLS		61,653 74,871
INSTITUTION TOTAL CITY TOTAL	2	136,524		136,524

**NIH
RESEARCH CAREER PROGRAM AWARDS**

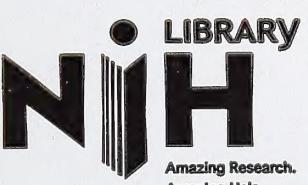
GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
STATE TOTAL	2	136,524	
NEW YORK ALBANY UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV 1K08 HD00975-01 LEE, DANIEL W		HUMAN FSH-RECEPTOR BINDING INHIBITORS	74,250
INSTITUTION TOTAL CITY TOTAL	1 1	74,250	74,250
NEW YORK MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH 1K08 CA01659-01 HICKS, WESLEY L		IN VITRO MODEL OF THE HUMAN RESPIRATORY EPITHELIAL CELL	73,440
INSTITUTION TOTAL	1	73,440	
ROCKEFELLER UNIVERSITY 1K11 AI01071-01 PAUL, SIMON		VARIANT SURFACE GLYCOPROTEINS OF TRYPANOSOMA CRUZI	64,800
INSTITUTION TOTAL CITY TOTAL	1 2	64,800 138,240	
ROCHESTER UNIVERSITY OF ROCHESTER 1K04 DE00331-01 MELVIN, JAMES E		ANION-DRIVEN FLUID SECRETION IN SALIVARY CELLS	68,148
INSTITUTION TOTAL CITY TOTAL	1 1	68,148 68,148	
STATE TOTAL	4	280,638	
NORTH CAROLINA DURHAM DUKE UNIVERSITY 1K08 DK02070-01 1K08 AG00520-01A1	GILLIGAN, DIANA M OBEID, LINA M	RBC ADDUCIN--MOLECULAR/CELL BIOLOGY OF TISSUE ISOFORMS TRANSCRIPTIONAL REGULATION OF PROTEIN KINASE C BETA	87,804 76,842
INSTITUTION TOTAL CITY TOTAL	2 2	164,646 164,646	

GRANT NUMBER	AWARDEE	NIH RESEARCH CAREER PROGRAM AWARDS	
		PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
NORTH CAROLINA RALEIGH UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH 1K11 ES0233-01A1	J DAVIS, BARBARA J	PATHOGENESIS STUDIES OF OVARIAN TOXICANTS	44,194
INSTITUTION TOTAL	1	44,194	
CITY TOTAL	1	44,194	
STATE TOTAL	3	208,840	
OHIO CLEVELAND CASE WESTERN RESERVE UNIVERSITY 1K08 AG00518-01 1K04 HL02599-01A1	JAMES W CAMPBELL; JAMES W PRABHAKAR; NANDURI R	MEASUREMENT OF FAMILY FUNCTION IN ELDERLY PERSONS ADRENERGIC MECHANISMS IN CAROTID BODY CHEMORECEPTION	72,613 67,258
INSTITUTION TOTAL	2	139,843	
CITY TOTAL	2	139,843	
STATE TOTAL	2	139,843	
OKLAHOMA OKLAHOMA CITY OKLAHOMA MEDICAL RESEARCH FOUNDATION 1K11 AR01844-01A2	SCOFIELD, ROBERT H	ORIGIN OF ANTI-RO/SSA ANTIBODY	76,680
INSTITUTION TOTAL	1	76,680	
CITY TOTAL	1	76,680	
STATE TOTAL	1	76,680	
OREGON PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY 1K11 DE00316-01A1	IVAN L FREEMAN,	ORAL IMMUNE RESPONSE AND THE IDIOTYPIC NETWORK	79,768
INSTITUTION TOTAL	1	79,768	
CITY TOTAL	1	79,768	
STATE TOTAL	1	79,768	

**NIH
RESEARCH CAREER PROGRAM AWARDS**

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA UNIVERSITY OF PENNSYLVANIA 1K11 DK02096-01 DIAMOND, ROBERT H 1K08 DC00069-01 OBERHOLTZER, JOHN C 1K08 NS01565-01 SCHERER, STEVEN S		RAPIDLY INDUCED NOVEL GENES IN REGENERATING LIVER ISOLATION & CHARACTERIZATION OF HAIR CELL-SPECIFIC CDNAS SCREENING CDNA LIBRARIES OF DEGENERATING NERVE	81,270 81,108 81,108
INSTITUTION TOTAL CITY TOTAL	3	243,486 243,486	
PITTSBURGH CHILDREN'S HOSPITAL OF PITTSBURGH 1K11 HD00965-01A1 SIEGAL, SELMA F		GENE MUTATION IN 21-HYDROXYLASE DEFICIENCY	81,540
INSTITUTION TOTAL	1	81,540	
UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1K11 HL02561-01A2 FABER, CHRISTOPHER N		ROLE OF IA IN THE CELLULAR PROCESSING OF ANTIGEN	94,865
INSTITUTION TOTAL CITY TOTAL	1 2	94,865 176,405	
STATE TOTAL	5	419,891	
SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA 1K11 HL02562-01A1 SIMMONS, T ROBIN		THROMBOXANE A2 RECEPTORS IN MONOCYTES	70,146
INSTITUTION TOTAL CITY TOTAL	1 1	70,146 70,146	
STATE TOTAL	1	70,146	
TENNESSEE NASHVILLE VANDERBILT UNIVERSITY 1K08 AG00559-01 SHORR, RONALD E		GERIATRIC PHARMACOEPIDEMILOGY	72,155
INSTITUTION TOTAL CITY TOTAL	1 1	72,155 72,155	
STATE TOTAL	1	72,155	

GRANT NUMBER	AWARDEE	NIH CAREER PROGRAM AWARDS	
		RESEARCH	PRINCIPAL AREA OF RESEARCH
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1K11 HD00982-01	FRIEND, KEITH E		DOLLARS AWARDED
INSTITUTION TOTAL	1	79,783	79,783
CITY TOTAL	1	79,783	
STATE TOTAL	1	79,783	
WASHINGTON SEATTLE UNIVERSITY OF WASHINGTON 1K11 DE00314-01A1 1K15 DE00317-01A1 1K08 NS01529-01A1	HUJOEL, PHILIPPE KAUTSKY, MIKAEL B MARRA, CHRISTINA	PHYSIOLOGICAL ROLE OF PITUITARY ER mRNA VARIANTS	
INSTITUTION TOTAL	3	229,947	DESIGN AND ANALYSIS OF PERIODONTAL CLINICAL TRIALS RETINOIC ACID AND ORAL EPITHELIAL CELL DIFFERENTIATION PATHOGENESIS AND THERAPY OF EXPERIMENTAL NEUROSYPHILIS
CITY TOTAL	3	229,947	88,651 65,156 76,140
STATE TOTAL	3	229,947	
WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON 1K08 AG00548-01 1K08 NS01545-01	GRAVENSTEIN, STEFAN RUST, ROBERT S		
INSTITUTION TOTAL	2	162,216	ANTIBODY DIVERSITY, AGE AND INFLUENZA VACCINE EFFICACY METABOLISM AND PERINATAL HYPOXIC-ISCHEMIC BRAIN INJURY
CITY TOTAL	2	162,216	81,108 81,108
STATE TOTAL	2	162,216	
TOTAL	76	5,737,333	



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